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"Sterling Quality" Seeds

1926



Photo by Adams, Portland, Me.

"Wyndambræ," Windham Hill, Maine
House built in 1811 by Peter White

ALLEN, STERLING & LOTHROP
49 Exchange Street - 64 Market Street
Portland, Maine.



THE LAWN IN THE MAKING

First, prepare the soil, which should be a good loam at least a foot deep, by digging, fertilizing and raking. Reduce the top layer or seed bed to the finest possible condition, free of stones, sticks, hard clods, etc.

Second, sow the seed on a still day. To get a thick, velvety lawn plenty of seed must be used. A pound to 200 square feet is our recommendation. After seed is sown, rake it in very lightly—just barely covering the seed. Then roll. Constant rolling is necessary to maintain a good lawn.

Do not be disappointed if weeds come. Weed seeds are in the soil and are also blown on to new ground from surrounding fields. Pull or dig them out until the grass shoots come, when the weeds will eventually be choked out.

"A. S. & L." Extra Fine Lawn Seed

This is a mixture of low growing grasses especially adapted to making a fine carpet-like lawn. We take great pride in the quality of our A. S. & L. Lawn Seed as we use only the best solid seed obtainable, without chaff or "filler" of any kind. We know that you will be pleased with this seed.

Price 50c. per pound. By mail add postage.



Deering's Oaks Park, Portland, Maine

"Sterling Quality" Putting Green Mixture

Mixed according to the formula of the greatest authority on putting green mixtures in this country; particularly adapted to Northern climate. We buy the individual grasses and mix them ourselves. Impossible to buy better seed.

Our price 75c. per lb.; by mail add postage; 50 lbs. \$35.00 f. o. b. Portland.

Shady Spot Mixture

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. The seeds used are only those that are well adapted for growing in shade. **Price 55c. per pound. By mail add postage.**



Supplies for the Lawn

In this catalogue you will find **everything** to make and maintain a beautiful carpet-like lawn. Come to us not only for clean, pure Seed, but Lawn Fertilizers, Hose, Sprinklers, Rollers, Rakes, and Mowers. You will find our stock complete and modern.



1926 Catalogue of "Sterling Quality" Seeds

(Garden, Field, Flower and Lawn)

*also Barn Equipment, Separators, Sprayers,
Insecticides, Farm and Garden Tools, Dairy
and Poultry Supplies, Plants, Bulbs,
Fertilizers, Etc.*

Our Cover

Our cover this year shows a section of the gardens at "Wyndambrae" the country home of George Burnham Mornill at Windham Hill, Maine. Here Peter White, of the family which had settled at White's Bridge, Standish Neck, in about 1776, came and built, in 1811, the fine old colonial home pictured on our cover.

Windham Hill is rich in colonial atmosphere. At the "Four Corners" stood an old tavern dispensing hospitality to the guests arriving by stage from Portland or the White Mountains as this was the direct post road between Portland and the Mountains in the early days.

Standing three hundred feet above sea level, Windham Hill is not only noted for its invigorating climate but for its magnificent elms which lend dignity and charm to even the smallest home.

A tour through Maine is not complete without a visit to this charming spot.

Allen, Sterling & Lothrop
49 Exchange Street and 64 Market Street
Portland, Maine



Information and Suggestions to Customers

PARCEL POST RATES APPLYING TO MDSE. MAILED AT PORTLAND P. O.

Weight limit 1st, 2nd, and 3rd zones, 70 lbs.; in other zones, 50 lbs. Bulk limit to all zones, 84 inches. Poisons (Insecticides) cannot be sent by parcel post. Liquids and goods packed in glass should be sent by express.

		First Pound	Each Additional Pound	Weight Limit
Portland and Rural Delivery	Local	7c.	½c.	70 lbs.
Within 150 miles	Zone 1 and 2	7c.	1c.	70 lbs.
150 to 300 "	" 3	8c.	2c.	70 lbs.
300 to 600 "	" 4	9c.	4c.	50 lbs.
600 to 1,000 "	" 5	10c.	6c.	50 lbs.
1,000 to 1,400 "	" 6	11c.	8c.	50 lbs.
1,400 to 1,800 "	" 7	13c.	10c.	50 lbs.
1,800 miles and over	" 8	14c.	12c.	50 lbs.

Caution

"Sterling Quality" Seeds are the highest grade obtainable and intended for the *particular* market gardener, florist and individual. *We do not sell to dealers.* "Sterling Quality" Seeds can be procured only directly from us.

Free Delivery

We deliver "Sterling Quality" flower and vegetable seeds *free* to any address in the United States when purchased by the *packet, ounce, half pound* and *pound* excepting peas, beans and corn. Kindly add sufficient amount to cover postage on these items.

Orders

Should be written on our order sheet (see back of Catalogue) or on a blank sheet separate from letter, preferably in ink. *Be sure to sign your name and give your address.*

Remittances

Can be safely sent by Bank Check, Post Office Order, Registered Letter or Express Money Order. Postage Stamp remittances taken in amounts less than \$1.00.

New Customers

Will kindly remit the amount with their orders, or name business references, as customary before opening new accounts.

Market Gardeners

Farmers' Clubs and Institutions purchasing Seeds in large quantities should write for special prices. Send a list of quantities and varieties required and we will return list promptly with quotations.

No Charge for Packing

But bags billed at cost. If returned in good condition free of expense, they will be credited at price charged.

Telephone Orders

Will be given immediate attention. Call Portland Forest 624 Forest 625

Non-Warranty

We give no warranty, express or implied, as to quality, description, productiveness, or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop.

**ALLEN, STERLING & LOTHROP
PORTLAND, MAINE**

For Index of the Contents of this Catalogue, see page 80.



DESCRIPTIVE GENERAL LIST

“STERLING QUALITY” VEGETABLE SEEDS

Note—We deliver postpaid to any post office within the U. S. vegetable seeds in packets, ounces, and pounds, except beans, corn, and peas. If these are desired by parcel post, add regular parcel post rates as found on page 2 in this catalogue.

Asparagus Seeds

Sow the seeds thinly in April or May in rows one foot apart and one inch deep; when the plants are well up, thin to 3 or 4 inches apart in the rows.

One ounce will produce about 200 plants, 4 to 5 pounds to the acre.

Conover's Colossal. A standard sort of large size and excellent quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 75c.

Palmetto. A standard light green variety. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 75c.

Washington. A rust resistant variety of vigorous growth and excellent quality. The tips are tight and firm and do not open out until well out of the ground. Recommended for the home and market garden. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.



ASPARAGUS

Asparagus Roots

Plant in rows 3 feet apart and 1 foot in the rows, covering the plants about 6 inches.

The soil should be thoroughly manured and trenched, at least 2 feet.

We offer strong two year old roots grown from selected seed in the following varieties. (See description of seed.)

Conover's Colossal, 100 roots, \$1.50. Post paid, \$1.75.

Palmetto, 100 roots, \$1.50. Post paid, \$1.75.

Washington, 100 roots, \$2.00. Post paid, \$2.25.

Special quotations by the thousand.

BEANS OF MANY VARIETIES

Green Podded

Plant in light, warm soil in the spring, when danger from frost is past, in drills from 2 to 3 feet apart, covering about 2 inches deep. Sow every two weeks for a succession. Cultivate frequently until they blossom but only when dry.

If wanted by Parcel post, add postage.

Bountiful. Early and prolific, flat green pods, very tender. Pkt. 15c., lb. 40c., 2 lbs. 70c., 15 lbs. \$3.75.

Burpee's Stringless Green Pod. Combines unusual hardiness, extreme earliness and wonderful productiveness. The pods are tender, brittle and of the finest flavor; always entirely stringless.

Pkt. 15c., lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Burpee's Improved Bush Lima. Compared with Burpee's Bush Lima, both pods and beans are very much larger, while the beans, either green or dry, are nearly twice as thick and ready to market eight to ten days earlier. Pkt. 20c., lb. 40c., 2 lbs. 75c., 15 lbs. \$3.75.



BURPEE'S STRINGLESS
GREEN POD

FRENCH'S DWARF HORTICULTURAL. This is a bean of the Horticultural type. Pods remarkably large, many containing seven beans, beautifully splashed with bright crimson. Never spots or rusts. The vines are vigorous and productive, inclined to send out runners, which do not affect the bean in any way. Very popular with market gardeners. Pkt. 20c., lb. 40c., 2 lbs. 75c., 15 lbs. \$3.75.

Dwarf Horticultural. A fine shell bean with long green pods, very productive. Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Long Yellow Six Weeks. An early standard variety. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Low's Champion. Very early, absolutely stringless, exquisite flavor, very productive. One of the finest snap beans, an excellent shell bean, and is of splendid flavor when cooked dry.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.



BEANS OF MANY VARIETIES

Dwarf Green Podded (continued)

Black Wax, Pencil Pod. Pods are long, pencil like, tender and brittle. In color they are a rich, dark yellow, hardy and productive.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Burpee's Kidney Wax. An early and very productive variety, pods are entirely stringless and of fine quality. Free from blight and rust.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Improved Golden Wax. An early, hardy variety, flat, golden-yellow pods.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Sure Crop Stringless Wax. A wax-podded variety of remarkable growth and productiveness. Plants hardy and prolific; pods $7\frac{1}{2}$ inches long and about $\frac{1}{2}$ inch wide, of a rich yellow color, perfectly stringless, excellent for home and market gardens.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.



KENTUCKY WONDER

Kentucky Wonder Wax. The best pole wax bean; it is similar in habit of growth to "Kentucky Wonder Green Pod."

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Lazy Wife's. Peans white; pods green, very thick, meaty, entirely stringless; very productive.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Red Cranberry. The pods are green, large and tender; one of the best snap beans.

Pkt. 20c., 1 lb. 40c., 2 lbs. 70c., 15 lbs. \$3.75.

Yellow Cranberry. Early maturity and very long season. Excellent snap or shell bean. Very prolific, tender and free from strings.

Pkt. 20c., 1 lb. 40c., 2 lbs. 70c., 15 lbs. \$3.75.

Scarlet Runner. An ornamental climber with bright scarlet flowers.

Pkt. 10c., 1 lb. 45c.



SURE CROP STRINGLESS WAX

Dwarf Wax Podded Beans

Broad Windsor. (English.) Plant as early in the spring as the ground can be worked, from 2 to 4 inches apart in drills 3 feet apart, cover the seed about 4 inches. Pkt. 20c., 1 lb. 40c., 2 lbs. 75c.

Red Kidney. Fine for baking and a good shell bean.
1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

Snowflake Pea. The best small white pea bean, early and productive.
1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

Yellow-Eyed (Old-fashioned). Very productive. Fine for baking, extensively grown as a dry bean for winter use.
1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

Yellow-Eyed (Improved). 1 lb. 20c., 2 lbs. 35c., 15 lbs. \$2.25.

Pole Beans

Plant in hills 4 feet apart, 4 to 5 beans to a hill. Poles should be firmly set before planting.

If wanted by Parcel Post, add postage.

Horticultural, or Speckled Cranberry. An old favorite, early and prolific; excellent quality either as a snap or shell bean or for cooking dry.
Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Kentucky Wonder, or Old Homestead. A long, green podded variety, very prolific and of fine quality and perfectly stringless.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Kentucky Wonder Wax. The best pole wax bean; it is similar in habit of growth to "Kentucky Wonder Green Pod."

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Lazy Wife's. Peans white; pods green, very thick, meaty, entirely stringless; very productive.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 15 lbs. \$3.50.

Red Cranberry. The pods are green, large and tender; one of the best snap beans.

Pkt. 20c., 1 lb. 40c., 2 lbs. 70c., 15 lbs. \$3.75.

Yellow Cranberry. Early maturity and very long season. Excellent snap or shell bean. Very prolific, tender and free from strings.

Pkt. 20c., 1 lb. 40c., 2 lbs. 70c., 15 lbs. \$3.75.

Scarlet Runner. An ornamental climber with bright scarlet flowers.

Pkt. 10c., 1 lb. 45c.



BEET

Sow as early in the spring as the ground can be worked. For succession sow at intervals until the first of July. The soil should be well enriched with stable manure and plowed and harrowed until very fine. Sow in drills 15 inches apart and cover one inch. When well up thin out 4 inches apart in the rows.

One ounce to fifty feet of drill; six pounds to the acre.

EARLY WONDER. A fine early variety, the market gardener's favorite on account of its symmetrical form, dark color, small top and early maturity.

Pkt. 10c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Crosby's Egyptian. The roots are flattened, globe shaped and very smooth. Exterior color of root bright red. The flesh is bright vermillion red, zoned with a lighter shade, very sweet, tender and of excellent quality.

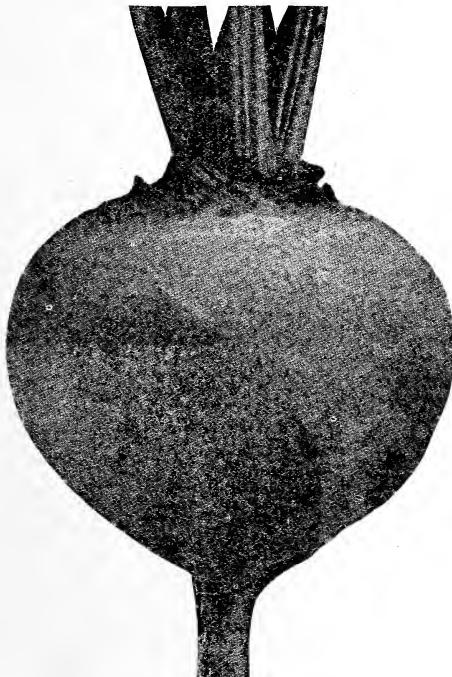
Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Detroit Dark Red. The best beet for the market and home garden. Tops small, upright in growth. Root medium-sized, globular or nearly round, very smooth, and of dark blood red color. Very desirable for bunching. Uniform in growth and unsurpassed in quality.

Pkt. 10c., oz. 20c., 2 oz. 35c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Edmand's Blood Turnip. A medium early sort, deep red, popular with market gardeners. Our seed is grown from selected roots saved for seed.

Pkt. 10c., oz. 15c., 2 oz. 25c., $\frac{1}{4}$ lb. 35c., lb. 75c.



DETROIT DARK RED BEET

MANGEL WURZEL AND SUGAR BEET

Sow in drills 2 inches deep, about 2 feet apart, thin out to 10 inches apart. *Six pounds to the acre.*

Mammoth Long Red. This variety produces roots of mammoth size and is enormously productive. Yielding from thirty to forty tons per acre on well prepared land.

Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c., 5 lbs. \$2.50.

Golden Tankard.

Recommended for dairymen on account of its milk-producing properties. The flesh is a rich golden yellow.

Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c., 5 lbs. \$2.50.

Giant Sludstrup.

A large yielding variety of high feeding value.

Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 70c., 5 lbs. \$2.50.

Giant Feeding Sugar Beet or Half Sugar Mangel.

A strain of beets very desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having a higher nutritive value, being especially rich in sugar. Roots light bronze green above ground, grayish white below with white flesh.

Oz. 10c., $\frac{1}{4}$ lb. 35c., lb. 75c.



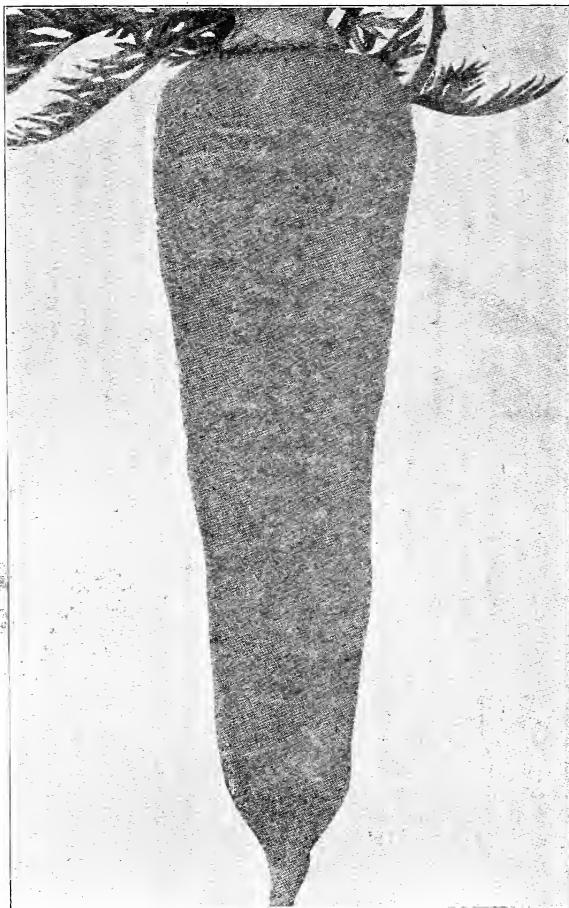
GIANT FEEDING SUGAR BEET, OR
HALF SUGAR MANGEL

Swiss Chard or Spinach Beet

The leaves are used as greens and served like spinach. The mid-ribs may be cooked like asparagus. Cuttings may be used all summer, as it can be cut down to the ground and new shoots will soon spring up and make fast growth.

Lucullus. The largest and best.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.



DANVERS' HALF LONG CARROT

Brussels Sprouts

Cultivate the same as cabbage. The sprouts resemble miniature cabbage and are very tender.

Improved Dwarf. A standard sort.

Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Improved Long Island. The finest variety, very compact sprouts.

Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50

Broccoli

A vegetable much resembling cauliflower.

White Cape. The most desirable variety.

Pkt. 10c., oz. 60c.

Chervil

An aromatic sweet herb used for flavoring and garnishing.

Curled. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 85c.

Chives

Hardy perennial plants grown for their tops, which are used as a salad and for flavoring soups.

Pkt. 10c., oz. 75c.

CARROT

Carrots do best in a good, light and rich soil. Sow in April or May for the early crop, and for the main crop sow in May or June in drills about $\frac{1}{2}$ inch deep, in rows 14 inches apart, and thin plants to 3 or 4 inches in the rows.

One ounce to 100 feet of drill; four pounds to an acre.

Danvers' Half-Long. **Special Market Gardeners' Strain.** The best sort for the main crop, dark orange color, growing very smooth, yielding large crops, and is a splendid keeper; roots medium length, tapering uniformly to a blunt point. This selected stock we are now offering has been specially grown for market gardeners and is much superior to the ordinary strain of Danvers' Half-Long.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

Hutchinson. A carrot of great length and cylindrical shape almost to the point, grows with tops slightly out of ground, a very heavy yielder per acre. Small circle of green on top of root out of ground portion.

Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Chantenay. A medium early, half-long variety. The flesh is crisp and tender.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Improved Long Orange. Deep orange color, roots of large size and good keeper.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Guérande or Oxheart. Medium early roots, short and thick. The flesh is bright orange, fine grained and tender.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Early Scarlet Horn. A favorite early variety, of fine flavor and excellent for the table. Roots grow about three inches long.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Nantes Half-Long Scarlet. A stump-rooted variety. Flesh fine grained, mild and sweet.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Large White Belgian. Very productive and largely used for feeding stock.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Cress of Peppergrass

Sow early in the spring on rich soil in drills 10 or 12 inches apart and make frequent sowing every two weeks. Cover seed about $\frac{1}{4}$ inch.

Extra Curled. Fine flavor, may be cut several times.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Water Cress. Sow in the spring near the margin of ponds or running streams.

Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.



CABBAGE

The cabbage is an important crop and should be planted in fresh, rich soil, well manured and deeply dug or plowed. For early use sow in a hotbed in March, transplant to the open ground when danger from frost is past. Plant the early sorts about 18 inches in the rows and the late sorts about 2 feet in the rows and the rows about 3 feet apart. For the late crops sow in the open ground in June. Our cabbage seed is grown from selected stock and is equal to any offered in the market.

One ounce will produce about 2,000 plants.



COPENHAGEN MARKET CABBAGE

A. S. & L. CAPE ELIZABETH.

Selected seed grown for us at Cape Elizabeth, Maine—a section noted throughout the country for the excellency of its cabbage.

Heads hard, solid, tender and crisp. It is remarkable for its long-keeping qualities. One of the best shipping varieties.

Pkt. 10c., oz. 75c., $\frac{1}{4}$ lb. \$2.50.

All Seasons. Large heads, round and very solid and sure heading; nearly as early as the Early Summer.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Wisconsin Hollander. A late variety, forming globular heads; very hardy and solid. Keeps well and is a good shipper for early spring sales.

Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

DANISH BALL HEAD.

This variety produces large, round and compact heads. One of the best keepers; plants vigorous and hardy, resisting cold and dry weather.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Danish Ball Head (Tall Stem). This variety is later than the short stem variety. It also is harder and will keep longer; one of the longest keeping White Cabbage varieties.

Pkt. 10c., oz. 45c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Improved American Savoy. Large, solid round heads, of superior quality, tender and good flavor, the best variety for family use.

Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Pe-Tsai, or Chinese Cabbage. A quick growing plant resembling Cos Lettuce.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

COPENHAGEN MARKET.

An extra early variety; heads ball-shaped, large and solid, averaging in weight about 10 pounds. The most evenly-maturing and large heading early cabbage.

Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Early Jersey Wakefield. A standard early market variety, conical in shape and good quality; heads uniform and solid.

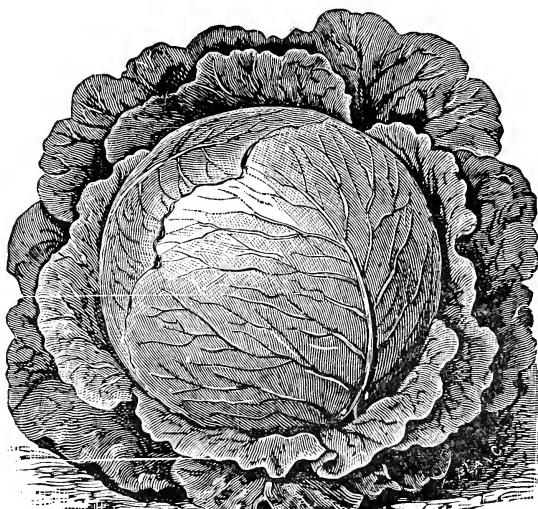
Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Glory of Enkhuizen. An early white, solid, variety, medium sized heads.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Golden Acre. A First-Early variety of the round-headed type. The head and leaves are a little smaller than that of the Copenhagen Market, and is ready to cut from 8 to 10 days sooner. It is wonderfully true to type.

Pkt. 15c., oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.



DANISH BALL HEAD CABBAGE

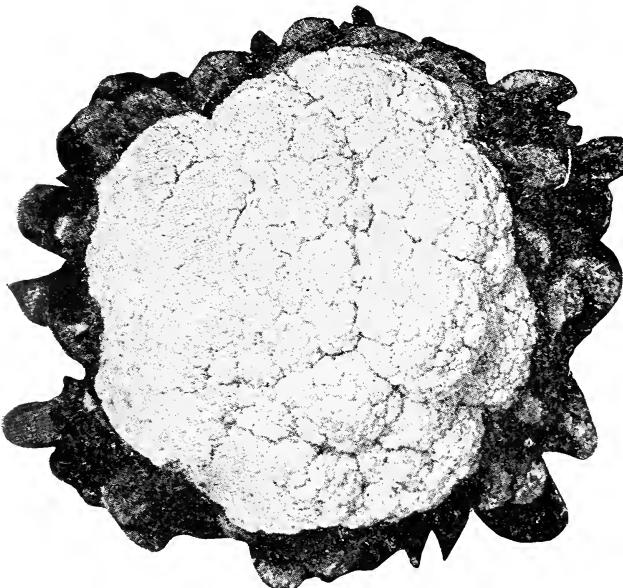
Red Danish Stone Head.

One of the largest and most solid and compact of the red varieties, sure heading and tender.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

CAULIFLOWER

The soil that will grow cabbage will grow cauliflower. It should be made richer and thoroughly worked before planting. For early crop, sow seed in hotbed or in boxes about 6 weeks before time to plant out. Transplant early in spring in rows 3 feet apart and 18 inches in the row. Plants should be cultivated often to be kept growing continuously. For the late cauliflower, plant in the open ground in June and transplant in July.



One ounce will produce 2,000 plants.

Earliest Dwarf Snowball. The earliest cauliflower in cultivation, absolutely sure to head when conditions are ordinarily favorable. Plants are very dwarf and of compact growth, with large firm, snow-white heads. Pkt. 15c., $\frac{1}{4}$ oz. 75c., oz. \$2.50.

Thorburn's Gilt Edge. Produces large solid, white heads of finest quality. Pkt. 15c., $\frac{1}{4}$ oz. 75c., oz. \$2.75.

Danish Giant or Dry Weather. This variety is about two weeks later than the snowball. It is of dwarf growth, producing large hard and snow-white heads, fully protected by its foliage. Pkt. 15c., $\frac{1}{4}$ oz. 75c., oz. \$2.75.

Veitch's Autumn Giant. A large, late sort. Pkt. 10c., $\frac{1}{4}$ oz. 30c., oz. \$1.00.

CELERY

For early celery sow the seed of the self-blanching sorts in a hotbed early in the spring. As soon as the plants are 3 inches high, transplant into frames in well-enriched soil 4 inches apart. Cut them once or twice before setting them out in May or June to make them stocky. When about six inches high transplant into trenches wide enough to hold two rows. The rows should be about 1 foot apart and the plants set about 8 inches apart. For winter celery start the seeds in flats as for early, only a little later. As plants grow they should be earthed up to blanch, taking care not to cover the center of the plant.

One ounce of seed will produce about 4,000 plants.

Wonderful. This new variety of Celery, rightly named Wonderful, is of the Paris Golden family, but twice to three times its size, very fine quality, and very free from the stringy habit of the Old Golden. Pkt. 15c., oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.

Easy-Blanching. A first early variety, the stalks are very tender and brittle, and have a rich nutty flavor. Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. 85c., $\frac{1}{4}$ lb. \$3.00.

Paris Golden Self-Blanching. (French grown, special gardeners' strain). The finest early celery grown, easily blanched and of excellent flavor, solid and crisp. Pkt. 10c., $\frac{1}{2}$ oz. 50c., 1 oz. 85c., $\frac{1}{4}$ lb. \$3.00.

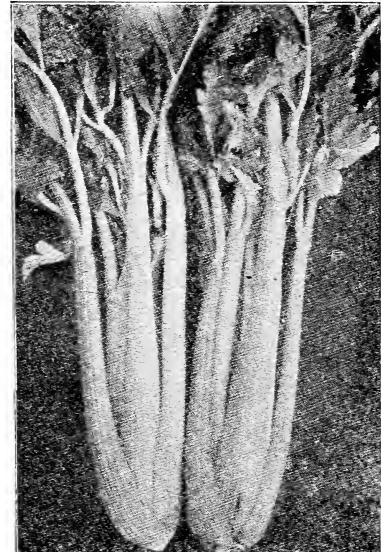
White Plume. A desirable early variety requiring very little labor in blanching. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.

Boston Market. White, solid, crisp and tender, the best late variety. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c., $\frac{1}{4}$ lb. \$2.00.

Giant Pascal. A tall-growing sort, blanches early and keeps well. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.

Celeriac or Turnip-Rooted Celery. It is mostly grown for the edible root and not for greens. Sow seed same as Celery, transplant into rows two feet apart and about six to eight inches in the row. Large Smooth Prague. An improved form of turnip-rooted celery, producing large, smooth roots, which are almost round and of fine flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Soup Celery. For flavoring. Oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



GOLDEN SELF-BLANCHING

SWEET CORN

Plant in hills 3 to 4 feet apart each way, dropping 6 seeds in each hill, or in drills 3 to 4 feet apart. The seeds should be covered about 2 inches. In this climate Sweet Corn should not be planted before the middle of May.

One pound will plant 100 hills.

If wanted by Parcel Post, add postage—See table page 2.

Early Falmouth (New). An extra early variety with good sized ears.

The stalks are short with little foliage, 4 to 5 feet high; the sweetest and most tender of the early varieties. Gardeners trying for the earliest market should include it in their order.

Pkt. 20c., 1 lb. 40c., 2 lbs. 70c., 10 lbs. \$2.50.

Burpee's Golden Bantam. Early, hardy and of the most delicious flavor; being of a dwarf growth, the stalks can be grown closely together in the row. Pkt. 15c., 1 lb. 35c., 2 lbs. 65c., 10 lbs. \$2.50.

Charlevoix. An intermediate, yellow grained sweet corn of distinctive merit. Ears about seven inches long, usually twelve rowed and when in condition for use are light creamy yellow in color. The grain is rather short, very sweet and tender. An excellent sort both for the home and the market garden.

Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.25.

DeLue's Golden Giant. Nearly as early as Golden Bantam and of fine quality. Much larger ears, being from 12 to 16 rows of golden yellow. Pkt. 15c., 1 lb. 35c., 2 lbs. 65c., 10 lbs. \$2.50.

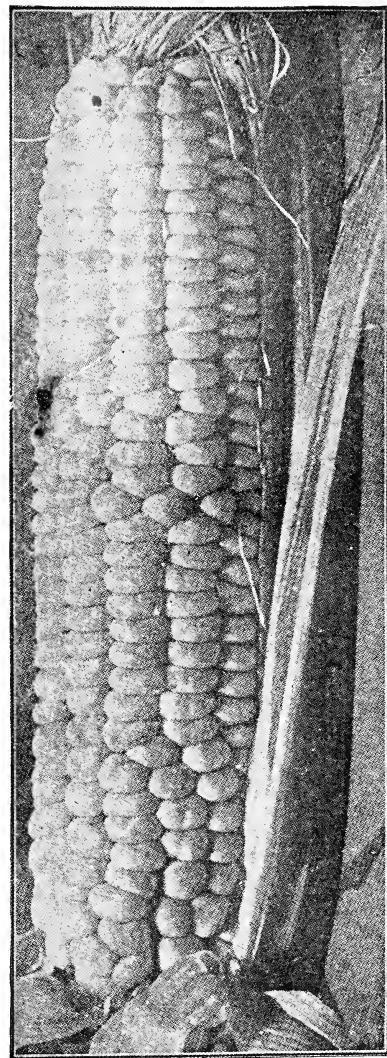
Bantam Evergreen. A cross between Stowell's Evergreen and Golden Bantam. Kernels are plump and full. The quality is very fine, being exceedingly sweet and tender. Ears 5 to 7 inches long. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Early Crosby (Selected). An early and productive variety; growing very dwarf with ears set low, averaging from 16 to 20 rows; very sweet and tender. Desirable for both the market and private garden. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Country Gentlemen. A large, late variety of excellent quality. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Stowell's Evergreen. A late standard sort of excellent quality. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.

Black Mexican. Very sweet and tender, medium early. Pkt. 15c., 1 lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.



BURPEE'S GOLDEN BANTAM CORN

NOTE—We deliver postpaid to any post office within the United States Vegetable seeds in packets, ounces and pounds, except Beans, Corn, and Peas. If these are wanted by Parcel Post add postage. See table page 2.

CUCUMBER

For general crop plant when the ground has become warm, in hills 4 feet apart each way. Thin out to 4 plants to each hill after all danger of insects is over. For very early cucumbers sow about April 1st, in a hotbed on a piece of sod, grass side down so that they can be easily transplanted to the open ground when danger of frost is over.

One ounce will plant fifty hills; two pounds will plant an acre.



WOODS HYBRID CUCUMBER

WOODS HYBRID. The best type of slicing cucumber. The color, a rich dark green, is retained a long time after it is picked. The flesh is white, crisp and tender. It is early and prolific, and for home or market, it is far superior to other sorts.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Boston Pickling. This variety is largely planted for pickles. Fruit medium size, smooth, light green and very productive.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Cumberland. Fine variety for pickling or slicing. Vines are of strong growth and prolific and continue in bearing a long time.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Davis Perfect. For forcing or outdoors. The fruit is of fine form, of a rich dark green color, very few seeds, tender, brittle and of fine flavor.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early Cluster. An early sort growing in clusters.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Early Frame or Short Green. A well-known variety used for slicing and pickling.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Improved White Spine. One of the most popular varieties in cultivation. The fruit is light green with white spines, uniform in size and very productive. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Early Russian. One of the earliest varieties, grows from 3 to 4 inches long.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Japanese Climbing. A quick-growing sort, throwing out tendrils which enable them to climb poles or trellises. Fruit from 12 to 16 inches long.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Klondike. A medium early cucumber of very dark green color and an excellent quality for slicing; vine very hardy and productive. The fruits, when mature, are about 8 inches long. Its uniform size and shape and splendid color make this variety very popular as a shipping sort.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Long Green. An old standard variety. Fruit from 10 to 12 inches long, dark green and crisp.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

West India Gherkin. A small prickly variety grown only for pickles. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

WE SOMETIMES MAKE ERRORS

Allen, Sterling & Lothrop
Portland, Maine

Dear Sirs:—

Please accept my sincere thanks for your prompt and honorable settlement of the error in shipping the potatoes.

It is surely a pleasure to do business with a concern operating on such principles of fair dealing.

Yours very truly,
(Signed) John Gardner Williams

Kennebunkport, Maine, May 27, 1925.

DANDELION

One of the earliest and most popular of spring greens. Sow in May in drills 12 inches apart; cover the seed $\frac{1}{4}$ of an inch deep. The following spring the plants will be ready for cutting.

One ounce for 200 feet of drill.

Improved Thick-Leaved. A carefully selected strain; popular with market gardeners.

Pkt. 10c., oz. 90c., $\frac{1}{4}$ lb. \$3.00.

EGG PLANT

Sow the seeds in hotbeds very early in the spring and transplant when about three inches high into small pots or another hotbed. Do not plant out in the open ground until the weather has become warm and settled.

One ounce will produce about 1,000 plants.

New York Improved Purple. This variety produces fruit of large size, nearly round, dark purple and excellent quality. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

Black Beauty. A valuable early sort, about ten days earlier than the New York Improved; color a rich purplish black. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

ENDIVE

For early use sow as early in the spring as the ground can be worked in drills 15 inches apart. Transplant to 1 foot each way. When full grown tie the outer leaves at the top to blanch them.

One ounce will produce 2,000 plants.

Green Curled. A standard sort for fall and winter. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

White Curled. A fine, white, curled variety, self-blanching. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Broad-Leaved Batavian. A variety growing very compact, very tender and of fine flavor. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

French Endive (Witloof Chicory). Plant the seed in drills 10 inches apart, in deep, rich soil. Thin to six inches apart. One of the finest winter salads grown. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

KALE

Sow from May to June, broadcast or in drills, cover $\frac{1}{2}$ inch, cultivate the same as cabbage.

One ounce to 150 feet of drill.

Dwarf Green Curled Scotch. A fine, low-growing variety, the leaves densely crimped and curled; very hardy and productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

KOHL RABI

Seed should be sown in drills as early in the spring as possible. When well established thin to 6 inches apart. The bulb grows entirely out of the ground.

Early White Vienna. A very early sort, excellent quality flesh white and tender. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Early Purple Vienna. Similar to the above except in color. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

MUSK MELON

Melons succeed best in light, sandy rich soil. After all danger of frost is past plant in hills 4 to 6 feet apart each way, six to ten seeds to a hill. When about 3 inches high and all danger from insects is past thin out to 3 or 4 plants to a hill.

One ounce to 60 hills; two to three pounds to an acre.



A. S. & L. MUSK MELONS GROWING IN MAINE

“A. S. & L.” A very large variety, thickly netted, deeply ribbed, flesh salmon-yellow, thick and sweet. A great yielder. It ripens from 70 to 80 days from time of planting. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Emerald Gem. Fruit of medium size, very early and of fine flavor; flesh deep orange. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Long Yellow. Very large, slightly ribbed and thickly netted; flesh salmon-yellow and sweet. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Rocky Ford. A popular market variety. The fruit is oval, medium size, finely netted; flesh light green and very sweet. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Honey Dew. A medium sized melon 5 to 6 pounds in weight, about 6 inches diameter and slightly oblong. Thick flesh, light emerald green in color. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

WATER MELON

Plant in hills about 8 feet apart and cultivate the same as for Musk Melon.

One ounce for 30 hills; four pounds for one acre.

Cole's Early. One of the best early varieties, medium size, nearly round, flesh dark red and excellent quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c.

Phinney's Early. Early and productive, flesh red. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Citron. Used for preserves; white flesh, hardy and productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

LETTUCE

For summer use the seed can be sown in hotbeds in March. Transplant when the weather will permit in rows 12 inches apart and 8 inches apart in the rows. For a succession sow in the open ground every two weeks until fall. Lettuce requires a rich and a rather moist soil. The more rapid the growth, the better the quality.

One ounce of seed will produce about 3,000 plants.



Big Boston Lettuce

Big Boston. Fine for forcing or open-ground planting; large, solid heads. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Boston Curled. Leaves beautifully curled, very attractive on table. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Crisp as Ice. Large, solid heads, yellow heart, outside dark green and bronze. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Grand Rapids. A very popular variety, leaves crimped, very attractive, matures quickly; the heads are dark green, very crisp and tender.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Hanson. A large, solid variety.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Iceberg. A very superior solid heading variety for outdoor growing. Makes large, solid heads.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Market Gardener's Private Stock. A strain of Black-Seeded Tennis Ball, very desirable for hotbed culture in winter and for withstanding heat in summer. A light green cabbage sort, forming hard heads.

Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 70c.

May King. Large, round, solid heads, one of the best varieties for planting in open ground.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

New York or Wonderful. The largest head lettuce crisp and tender. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Salamander. Medium size, light green, and forms a hard buttery head of fine quality.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Tennis Ball, Black Seeded. A favorite variety for outdoor crop; forms close, hard heads that are crisp and tender. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Romaine or Cos Varieties

Paris White Cos. An early sort with long, narrow leaves. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Trianon, Self-Folding Cos. Requires no tying to blanch very crisp and tender. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

LEEK

Plant in the spring in a light, well-enriched soil in drills 1 foot apart. Cover the seed about 1 inch and thin to 9 inches apart in the drills. Draw earth up to them as they grow.

One ounce of seed to 150 feet of drill.

American Broad Flag. A strong-growing sort with broad leaves. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

MARTYNIA

The seed pods which are produced in great abundance are gathered when young and tender for pickling. Sow in the open ground in May, 3 feet apart each way.

Proboscidea. The most productive variety.

Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

MUSHROOM SPAWN

Mushrooms can be grown in cellars, in sheds, or in hotbeds where a temperature of 50 to 70 degrees is easily maintained.

English Spawn. In bricks 25c. per lb., 6 lbs. for \$1.25. If wanted by mail, add 10 cents per lb.

MUSTARD

Sow thickly in early spring in shallow drills or in boxes during the winter. Successive sowing may be made every ten days.

One ounce will sow about 75 feet of drill.

Chinese. Leaves twice the size of the ordinary White Mustard, which are curled and eaten boiled like spinach. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White London. The best for salads and flavoring. Pkt. 10c., oz. 15c., lb. 50c.

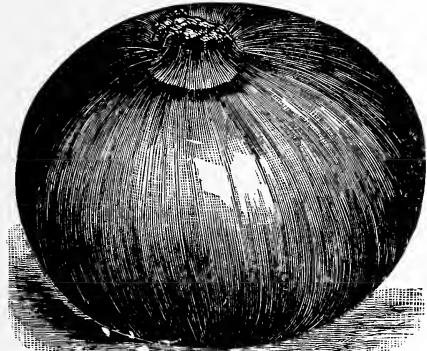
ONION

Sow the seeds as early in the spring as the ground can be worked in drills about 1 foot apart and cover about $\frac{1}{2}$ inch. Thin plants to stand from 2 to 3 inches apart in the drills. The soil should be made very rich and kept free from weeds.

One ounce to 100 feet of drill; five pounds to the acre.

Danvers Yellow Globe. The most profitable variety to grow, producing bulbs of globular form which ripen early and uniformly, producing large crops. The seed we offer was grown in New England from selected bulbs by a reliable grower of long experience. We cannot recommend this strain of seed too highly, not only on account of its great yield but also of its superior keeping qualities.

Pkt. 10c.



DANVERS YELLOW GLOBE ONION

Extra Early Red Flat. About ten days earlier than the Red Wethersfield, medium size and a good keeper. Pkt. 10c.

Large Red Wethersfield. The standard red, flat variety, large size, skin deep purplish red, a good keeper. Pkt. 10c.

White Queen. A pure white variety of rapid growth; fine for pickling. Pkt. 10c.

Prizetaker. The largest yellow onion, flesh white and of mild flavor. Pkt. 10c.

White Portugal. One of the best white sorts; bulbs mature early, very mild flavor, the best to grow for sets. Pkt. 10c.

Note:—Owing to the almost total failure of the onion seed crop we are unable to quote prices.

ONION SETS

(Recleaned). Onion Sets should be planted as early in the spring as the ground is dry enough to work, in rows 12 inches apart and 2 to 4 inches apart in the rows.

If sent by mail add postage. See table, front cover.

White Onion Sets. Qt. (1 lb.) 35c., pk. (8 lbs.) \$2.00.

Japanese Onion Sets. This onion will actually double the yield of any other onion set on the market. If the sets are planted early in the spring the onions will be ripe in July and can be used all through the fall and winter. It throws few seed stalks, is an excellent keeper and the flavor is mild and sweet. Qt. (1 lb.) 35c., pk. (8 lbs.) \$2.00.

PUMPKIN

Same cultivation as for squash.

One ounce will plant 20 hills; one pound will plant 250 hills.



SUGAR PUMPKIN

Connecticut Field. Very productive, usually grown in fields with corn for feeding stock.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

King of the Mammoths. The best mammoth pumpkin, flesh is a golden-yellow, a splendid keeper and valuable for stock feeding.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Mammoth Tours. Very large size, oblong in shape, largely used for feeding stock.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

Small Sugar. Very sweet and fine grained, a good keeper, best sort for family use.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

PEPPER

Sow the seed in hotbeds early in April. Transplant when 2 or 3 inches high to 3 inches apart. Transplant to the open ground about the first of June, in rows 2 feet apart and 18 inches apart in the rows. The soil should be rich and mellow.

One ounce will produce about 2,000 plants.

Large Bell or Bull Nose. Large and of mild flavor, largely used for pickling.

Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c.

Long Red Cayenne. Bright red, long, slender pods, very pungent. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Pimento. A very thick fleshed sweet variety, uniform in shape and size. Color dark green changing to a brilliant red. Very desirable for salads on account of its fine flavor and superior quality. Pkt. 10c., $\frac{1}{2}$ oz. 25c., $\frac{1}{4}$ lb. \$1.25.

Red Cherry Cayenne. Small round variety, bright scarlet fruit. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Red Chili. Used for seasoning and for making pepper sauce. Pkt. 10c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Squash or Tomato-Shaped. Fruit medium size, early and productive. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

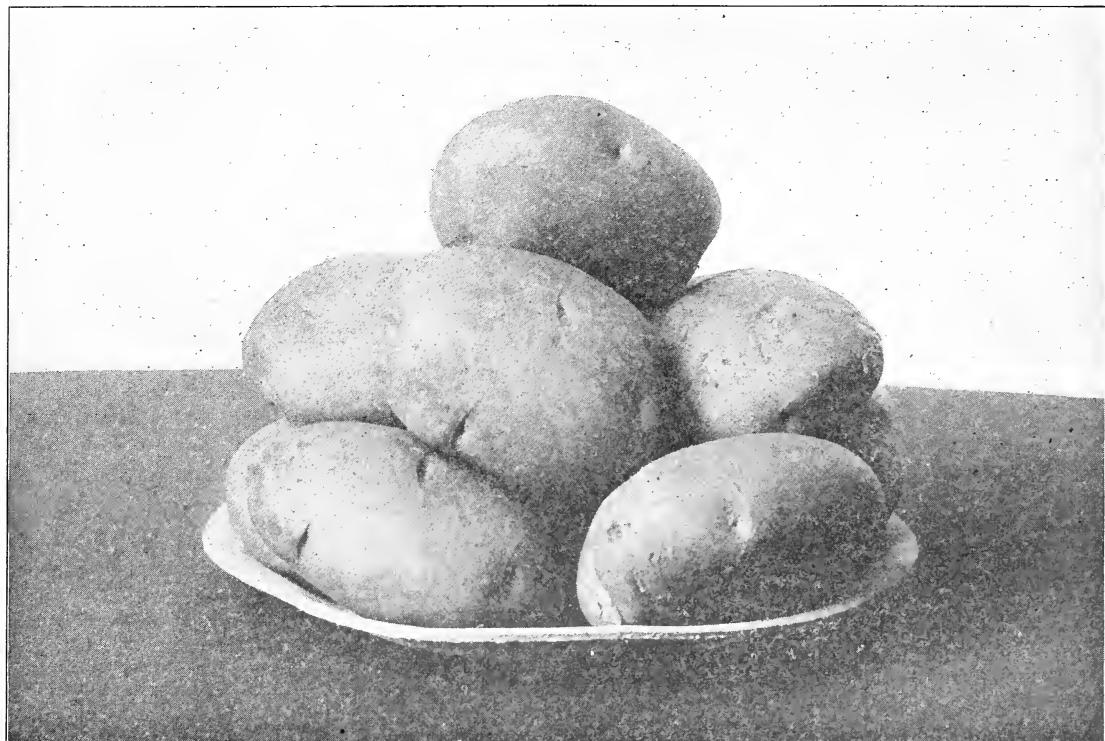
Sweet Mountain. The fruit is very large and smooth, flesh very tender and mild flavored.

Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 65c.

Sweet Italian. A superb variety of exceedingly mild flavor. Grows 6 to 7 inches in length and 2 to three inches thick at the base. Very attractive in appearance. The fruit is light green, turning bright scarlet. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c.

SEED POTATOES

Eight to ten bushels will plant one acre. One peck will plant 75 hills.
Potatoes are sent by express or freight, purchaser paying charges.



We offer a particularly fine strain of *Certified Green Mountain* stock. This stock is grown in Somerset County, Maine, and has been giving our customers wonderful results for the last three years.

Write for prices of Green Mountain, Early Rose, Irish Cobbler and Gold Coin Varieties

PARSLEY

Soak the seeds a few hours in lukewarm water and sow early in the spring in rich soil in drills one foot apart, thin out the plants to 4 inches apart in the rows.

One ounce to 150 feet of drill.

Double Curled or Covent Garden. One of the best sorts, handsome bright green color; leaves finely crimped and curly. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c.

Fern Leaved. A fine strain, very dark green.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c.

Hamburg or Turnip-Rooted. The roots resemble a small parsnip; used for flavoring soups, etc.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c.

PARSNIP

Sow as early in the spring as the weather will permit in deep, rich soil in drills 18 inches apart, covering the seed slightly; thin to 5 or 6 inches apart in the rows.

One ounce to 100 feet of drill; five pounds to the acre.

Abbott's Improved Hollow Crown. The roots are smooth, large, tender and sugary; a heavy cropper.
Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Arlington Long Smooth. Roots long and smooth; a good market sort.
Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

PEAS

Sow the early, smooth, round sorts as early in the spring as the ground can be worked, in light, dry rich, loamy soil. The wrinkled varieties are more tender and the seed is more liable to rot and should not be planted when the ground is cold and wet. The late varieties do not require as rich soil as the early and dwarf sizes. Sow in rows 3 to 4 feet apart and about 1 inch apart in the rows, 3 to 4 inches deep. Peas grown as a market crop are never staked, but when the taller sorts are grown for private use they are generally sown in double rows, 6 to 8 inches apart, and staked with brush. For best results all garden peas require good, strong, fertile soil.

One pound will plant about 50 feet of drill.

Those marked with a (*) are wrinkled varieties.

If wanted by Parcel Post, add postage—see table, page 2.

Extra Early Varieties

Alaska. One of the earliest blue peas, pods dark green, of medium size and uniform in growth; height 2½ feet.

Pkt. 15c., 1 lb. 30c., 2 lbs. 50c., 7 lbs. \$1.50, 14 lbs. \$2.75.

***Gradus or Prosperity.** The earliest and most popular of the large-podded, wrinkled peas; vines vigorous, bearing large pods from 4 to 4½ inches in length, filled with large peas of the finest quality and delicious flavor; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Laxtonian.** One of the most remarkable varieties yet introduced; very dwarf, growing only 12 to 15 inches high, producing pods in great abundance; nearly as large as the Telephone. The peas are large with a flavor the very sweetest and best.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$2.00, 14 lbs. \$4.00.

***Early Morn.** Of Gradus type, the pods are large and well filled with peas of excellent flavor; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Little Marvel.** A dwarf variety of even growth, about 18 inches in height; pods dark green, medium size, often produced in pairs; as early as Nott's Excelsior, equal in flavor and more prolific.

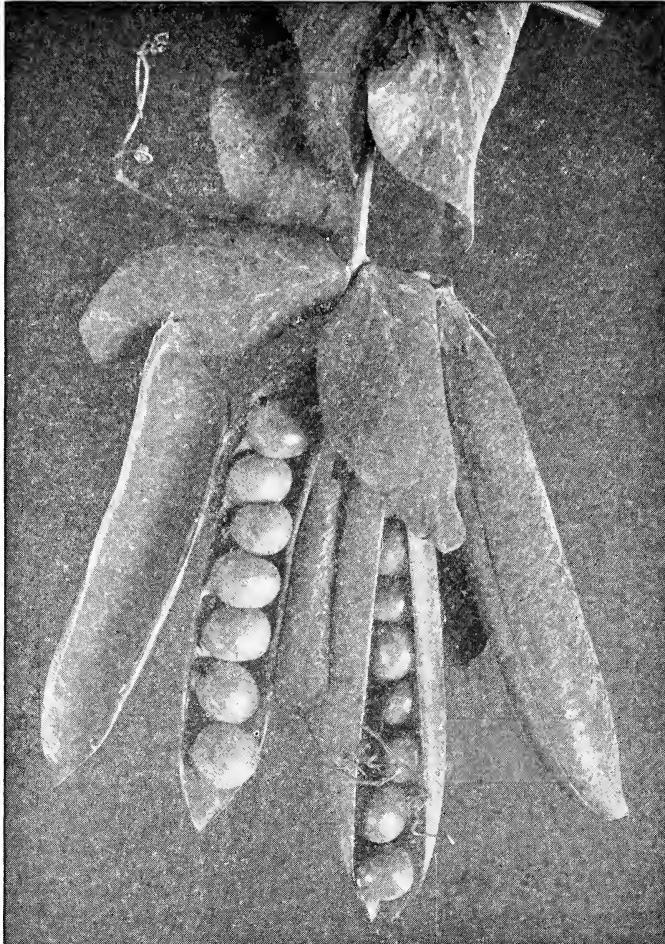
Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Nott's Excelsior.** A splendid early sort; pods are always well filled with large peas of delicious flavor. Height 15 inches.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Sutton's Excelsior.** As early as Nott's Excelsior, with much larger pods, a large cropper and of rich flavor; height 1½ feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.



GRADUS PEAS
INOCULATE THIS
SEED WITH
MULFORD CULTURE

***Sutton's World's Record.** Habit very prolific; pods long, dark green, filled with peas of superb flavor; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Thomas Laxton.** Similar to Gradus. The pods are long, straight, with square ends, and contain 7 or 8 peas of the finest flavor; hardy and productive; height 3 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Burpee's "Blue Bantam."** An extra early variety of the finest quality. The vines average fifteen inches in height. The pods average nearly as large as the Gradus.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

NOTE—We deliver postpaid to any post office within the United States Vegetable seeds in packets, ounces and pounds, except Beans, Corn, and Peas. If these are wanted by Parcel Post, add postage. See table, page 2.

PEAS—Continued

Second Early and Medium Varieties

***Dwarf Telephone** (Carter's Daisy). Similar to the Tall Telephone, bearing heavy pods, about $4\frac{1}{2}$ inches long, height 2 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Everbearing**. Very prolific, pods about 3 inches long, peas large and of good quality; height $2\frac{1}{2}$ feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

GENERAL CROP

***Carter's Quite Content**. The largest-podded variety yet introduced, vines and pods deep green, pods 7 to $7\frac{1}{2}$ inches long, hanging mostly in pairs and contain 9 to 11 large peas of excellent flavor; recommended for the market or private garden; a large cropper; height of 3 to 4 feet.

Pkt. 25c., 1 lb. 45c., 2 lbs. 80c., 7 lbs. \$2.60, 14 lbs. \$5.00.

***Admiral Dewey**. One of the finest and most desirable of the large-podded varieties. The vines are of vigorous growth; the pods are always of good size well filled with peas of the highest quality; specially recommended for the home garden and market growing; height 4 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Improved Telephone**. An improvement on Carter's Telephone for purity and uniformity of habits, bearing in great abundance large, dark-green pods containing peas of fine flavor; height 4 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Prodigious**. A very superior, wrinkled pea of the style of the Telephone. The pods are dark green, averaging four and one-half to five inches in length; the vines are vigorous and prolific; the peas are of the finest quality; height 5 ft.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

***Champion of England**. A well-known and popular late variety, of excellent flavor and very productive; height 4 to 5 feet.

Pkt. 20c., 1 lb. 35c., 2 lbs. 60c., 7 lbs. \$1.75, 14 lbs. \$3.25.

Black-Eyed Marrowfat. Largely grown as a field crop; height 4 feet. At market.

White Marrowfat. Very hardy and prolific; height 4 feet. At market.

White Canada Field. Valuable for sowing with oats for cattle feeding and for green soiling. At market.

Sugar Peas or Edible Pods

Dwarf Gray Sugar. Dwarf in habit, with small-sized pods. Pkt. 20c., 1 lb. 40c., 2 lbs. 75c.

SALSIFY

(Vegetable Oyster)

One of the most delicious and nutritious of vegetables.

Sow early in the spring in drills 14 inches apart and 1 inch deep. Cultivate the same as for carrots and parsnips. They can be left in the ground until spring.

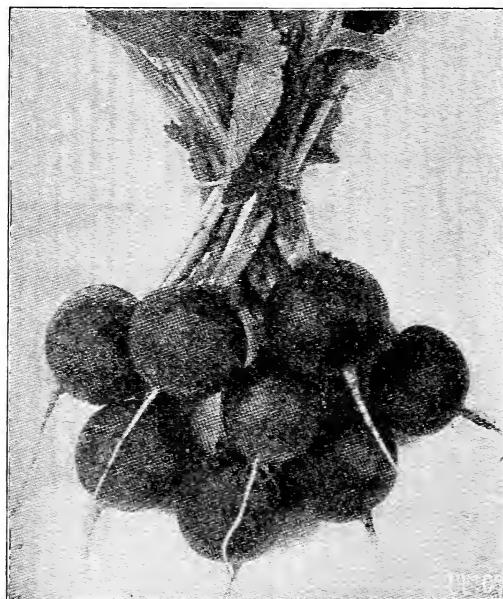
One ounce to 50 feet of drill.

Mammoth Sandwich Island. This variety grows to a large size and is superior in quality to the Long White. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 70c.

RADISH

The seeds should be sown in light, rich, sandy loam. For an early supply, sow in a hotbed in rows 4 inches apart. Sow in the open ground as soon as the ground can be worked in rows 8 to 12 inches apart $\frac{1}{2}$ inch deep. If the radish makes rapid growth it will be crisp and tender. Sow every week or ten days for succession.

One ounce for 100 feet of drill.



SCARLET GLOBE RADISH

Crimson Giant. An extra early, turnip-shaped variety, growing very large yet never pithy, always hard and solid; good for forcing and equally as good if grown in the open ground.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Early Scarlet White-Tipped. Small, round, red, short tops, crisp and tender.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Non Plus Ultra. The earliest forcing variety, round, red maturing in about twenty days.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Scarlet Globe. One of the best varieties for forcing or sowing in the open ground; globe shaped, scarlet color, crisp and tender.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

French Breakfast. Oblong shaped, color scarlet, white-tipped, rapid grower, mild and tender.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.

Long Scarlet Short Top. Long and crisp, for frames or open ground.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

White Icicle. Finest white radish. It is long, slender, pure white, roots of excellent quality. Fine for forcing.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

White Stuttgart. A turnip shaped, white radish, growing to large size; fine quality.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.50.

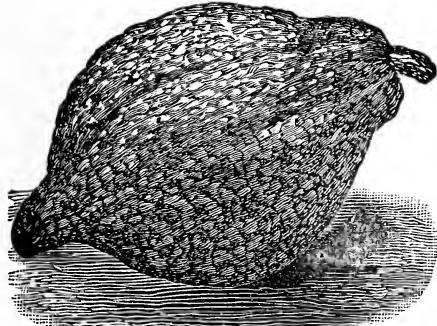
Long Black Spanish. A good winter variety.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

SQUASH

Squash are quite tender and should not be planted until the ground has become thoroughly warm and all danger of frost is past. Plant in light, rich soil, well pulverized. Bush varieties should be planted about 4 feet apart and the running varieties about 8 feet.

Bush varieties, one ounce to 40 hills; running varieties, one ounce to 15 hills, three to four pounds per acre.



HUBBARD SQUASH

Early Giant Summer Crookneck. A desirable table sort, of dwarf, bushy habit, and very productive; the flesh is thick, yellow and of fine quality. One of the best market varieties.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.

Mammoth White Bush Scallop. Pure white, producing large, thick fruit of fine flavor, early and productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.25.

Delicious. Fine grained, sweet and dry, no other squash can equal it in sweetness and richness of flavor. In shape and color it is similar to the Hubbard. Weighs from five to ten pounds.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

Early Prolific Marrow. The earliest of the running varieties, maturing ten days earlier than the Boston Marrow; color a bright orange red; keeps well.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Boston Marrow. A standard fall variety of a bright yellow color, an excellent sort for pies and largely used by canners.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Hubbard (Cape Elizabeth grown). The standard winter squash, more largely grown than any other late variety, dark green skin and rich flesh, an excellent keeper. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Golden Hubbard. Same type as the Green Hubbard but of rich orange red color and earlier to mature.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Blue Hubbard. Flesh fine-grained, dry and of excellent flavor, a good keeper.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Bay State. Has a thick, hard shell. Color bluish green. The flesh is golden-yellow, very dry, fine grained, and of excellent quality.

Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Vegetable Marrow, English. The fruit should be eaten when less than half grown; color creamy white, flesh white. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Vegetable Marrow, Italian. Oblong, skin dark green at first, but changes to a lighter green as it matures. Excellent quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

SPINACH

Sow early in the spring in drills one foot apart, covering the seed one inch deep, thinning out as it grows. For a succession sow every two weeks. For winter and early spring use, sow in August; cover with straw on the approach of severe cold weather.

One ounce to 50 feet of drill; ten to twelve pounds to the acre.

King of Denmark. The leaves are dark green, very thick and crumpled, and of good quality. Remains in good condition two to three weeks longer than any other variety before running to seed.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 70c.

Round Thick-Leaved. A large, dark-green, thick-leaved variety; stands a long time before running to seed.

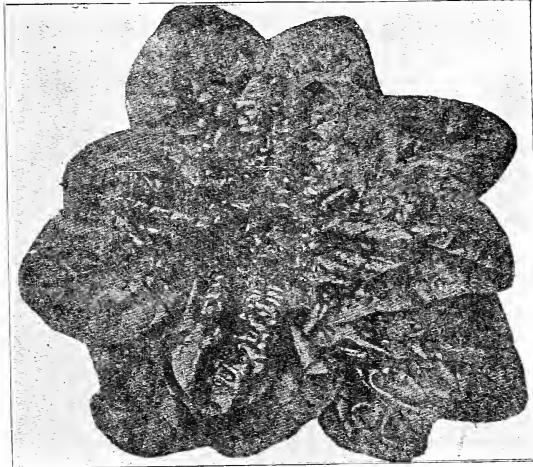
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Victoria. A variety of dense foliage, leaves thick and of a dark green color.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Long Season. A dark-green crumpled variety which withstands the hot weather without shooting to seed for a long time; very desirable for spring planting and of excellent quality.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.



KING OF DENMARK

Bloomsdale. A very hardy variety; large thick, crumpled leaves, a favorite with Market Gardeners. The best for early spring or fall.

Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Prickly or Winter. The hardiest variety for fall planting. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 25c., lb. 60c.

New Zealand. A plant of branching habits which stands drought. Soak the seeds in warm water before planting. Plants should not be closer than 2 feet apart each way. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c., lb. \$1.00.

“Sterling Quality” Seeds are the highest grade obtainable and intended for the particular market gardener, florist and individual.

SEND US YOUR MAIL ORDERS

TOMATO

Sow the seeds about the first week in March in a hotbed, greenhouse or in shallow boxes in a window. When the plants are about three inches high transplant to cold frames, setting the plants about 4 inches apart or in pots singly. Transplant to the open ground when all danger of frost is past. Set in rows 4 feet apart each way, using a shovelful of rotten manure in each hill.

One ounce will produce about 1,500 plants.

Our Tomato Seeds are grown from selected Stocks.



"JOHN BAER" TOMATO

"John Baer." An extra early variety of superior merit. It produces perfect, solid high crown, beautiful, brilliant red tomatoes, is almost seedless, and has a mild, deliciously sweet flavor. Uniform in size and ripening. A valuable variety for the market or home garden.

Pkt. 10c., $\frac{1}{4}$ oz. 20c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Abbotts Early Red. A deep blood red variety. Foliage and vine medium. The fruit is smooth, uniform and of excellent flavor and quality.

Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c.

Earliana. The best extra early variety. It is the earliest large tomato; color bright red, growing in clusters of medium size, smooth, solid, and of fine flavor; excellent for the market and home garden.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Bonney Best. Early and prolific; fruit is smooth, round scarlet, of fine flavor.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Early Detroit. Fruit very smooth, uniform in size, nearly globe shaped, firm and of excellent quality; color purplish pink; vine vigorous and productive.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Stone. The most reliable of the main crop, very large, bright scarlet, smooth, solid and very productive; is a good shipper.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Dwarf Stone. Dwarf and compact growing, plant resembling Dwarf Champion but is of a stronger growth, yielding a large crop of very smooth, solid tomatoes of the finest quality, color bright scarlet.

Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

TOMATO—Continued

The Burbank. An extra early variety.
Pkt. 10c., oz. \$1.00.

Ponderosa. One of the largest varieties, flesh solid and of fine quality.
Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Red Cherry. Scarlet fruit about the size of a cherry, used for pickling. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c.

Yellow Cherry. Bright yellow, best for preserving.
Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c.

Strawberry or Husk. The small yellow fruit grows in a husk, used for preserving.
Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c.

TURNIP

Turnips do best in rich, light, sandy soil. For early use, sow in the spring as soon as the ground can be worked in drills 1 foot apart. Cover $\frac{1}{2}$ inch deep. Thin plants to 6 inches apart. For a succession, sow every two weeks until August. Rutabagas are usually sown broadcast, but larger crops are obtained if the seed is sown in drills 18 inches apart and thinned out to 8 or 10 inches in the rows. Sow from June to the middle of July.

One ounce will sow 150 feet of drill; one to two pounds to an acre.

Early Purple Top Milan. One of the earliest flat turnips; flesh solid and of good quality.
Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Early White Milan. Extra early; roots of medium size, pure white, sweet and tender. It is a rapid grower and desirable for early use.
Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Purple Top Strap Leaf. A well known and popular variety for the main crop, largely grown for both table and stock.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Purple Top White Globe. An early variety, of superior quality, globe-shaped, white flesh, tender and sweet, one of the best for table use.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

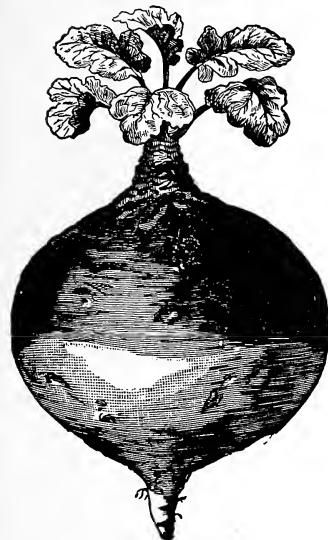
White Egg. A pure white, egg-shaped variety of rapid growth; flesh firm, sweet and mild.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Golden Ball. Very early, fine quality and of excellent flavor.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Cow Horn or Long White. A very productive, quick-growing turnip, carrot-like in form, growing nearly half out of the ground.
Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

TURNIP—Continued

Rutabaga or Swede Turnip



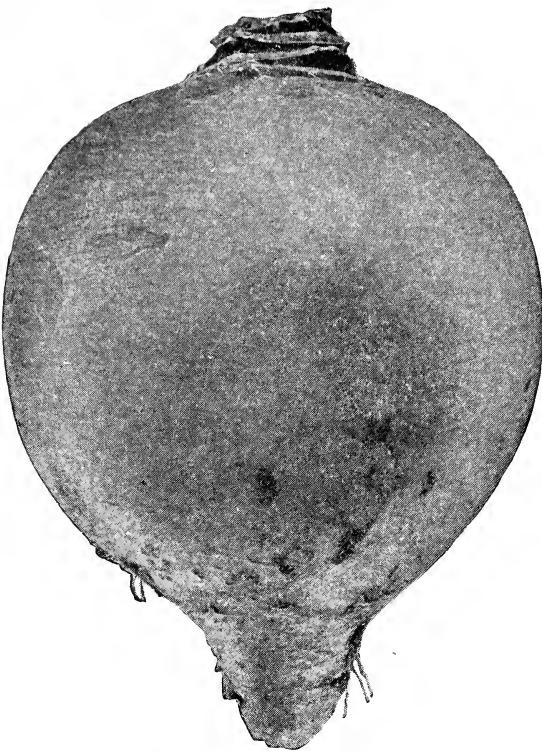
AMERICAN PURPLE TOP
RUTABAGA

American Purple Top. Very hardy, productive, and a good keeper; flesh yellow and solid, a fine variety for table use. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Carter's Imperial Purple Top. Very large and productive; smooth, round heads, yellow flesh, and of good quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Millpond Purple Top Swede. An imported strain of Purple Top Ruta Baga, very smooth and uniform shape. Excellent keeper. Pkt. 10c., $\frac{1}{4}$ lb. 35c., 1 lb. \$1.00.

Sweet German. Flesh white, hard and sweet, keeps well. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 90c.



PERFECT MODEL RUTABAGA

Perfect Model. An improved strain of the finest yellow-fleshed rutabaga, remarkable for uniform shape and fine quality, very sweet and tender and a good keeper.

Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

SWEET AND MEDICINAL HERBS

Sow in the spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant; cut the herbs when in flower, tie them up in small bunches and hang in the shade to dry.

Anise Annual	Per oz. 25c., pkt. 10c.	Lavender Perennial	Per oz. 40c., pkt. 10c.
Balm Perennial	Per oz. 30c., pkt. 10c.	Marjoram, Sweet Annual	Per oz. 30c., pkt. 10c.
Basil, Sweet Annual	Per oz. 25c., pkt. 10c.	Mint Perennial	pkt. 25c.
Caraway Biennial	Per oz. 25c., pkt. 10c.	Sage Annual	Per oz. 50c., pkt. 10c.
Catnip Perennial	Per oz. 60c., pkt. 10c.	Summer Savory Annual	Per oz. 30c., pkt. 10c.
Dill Biennial	Per oz. 20c., pkt. 10c.	Thyme Perennial	Per oz. 50c., pkt. 10c.
Fennel, Sweet Perennial	Per oz. 20c., pkt. 10c.		

LUTHER BURBANK WRITES

“The love of dirt is among the earliest passions, as it is the latest. Mud pies gratify one of our first and best instincts. So long as we are dirty, we are pure. Fondness for the ground comes back to a man after he has run the round of pleasures, eaten dirt, and sowed wild oats, drifted around the world, and taken the wind at all its moods. There is life in the ground, it goes into the seeds; and it also, when stirred up, goes into the man who stirs it.”

FIELD CORN

Prices Subject to Market Changes

Prices do not include delivery. Add cost of bags when ordering, as follows: $\frac{1}{2}$ bush., 10 cents; 2 bush., 50 cents.

If ordered by mail add postage at parcel post rates.

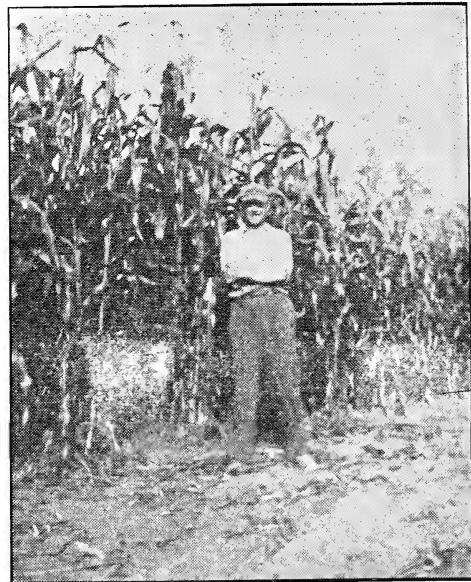
Corn weight by Parcel Post; Qt. 2 lbs.; 4 Qts. 8 lbs.; Pk. 15 lbs.

Plant eight to ten quarts per acre in hills, one to one and one-half bushels broadcast, one bushel in drills.

EARLY EIGHT-ROWED YELLOW FLINT

This corn is grown right here in Maine and is the earliest yellow variety we know of. It matures in ninety days and the ears are long with small cob filled to the tip with large broad kernels.

We cannot recommend this corn too highly for either Grain or Ensilage. Price on application.



MORTGAGE LIFTER ENSILAGE CORN

Early Wonder Dent. A variety of great value. Heretofore, earliness in seed corn has meant that the growth would be small; and a corn that produced heavily usually could not be depended upon to reach maturity in an ordinary season in this section. Price on application.

Mortgage Lifter. A heavy yielding, Yellow Dent Corn. Stocks are quite tall and furnish a large amount of fodder which contains a good percentage of grain. The ears are 8 to 10 inches in length, and from 12 to 16 rows. Price on application.

Genuine Eureka Ensilage. The corn that grows more ensilage to the acre than any other variety. It grows very tall, attaining a height of 12 to 15 feet and makes a heavy, thick growth of fodder. Try this variety if you want the maximum tonnage. Price on application.

Improved Leaming. A Yellow Dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep golden kernels. Price on application.

Sweet Fodder Corn. For soiling or ensilage. Some dairymen prefer the sweet fodder corn to the ordinary ensilage varieties, and although it does not make as large a stalk, nor as much foliage, it is highly relished by stock. It does best when sown in drills at the rate of 2 bushels to the acre. Price on application.

STANLEY'S CROW REPELLENT.

Saves replanting, prevents crows, other birds and animal pests from pulling corn. Protects corn from rot caused by moisture. Makes seed germinate faster. Does not clog planter. Large can, enough for two bushels of seed corn, \$1.50. Small can, enough for one bushel, \$1.00.



PLANTING TABLE

21

Quantity of Seeds or Number of Plants Required for a Row 100 Feet in Length, with Distance to Plant and Time for Planting

Kind of Vegetable	Seeds or Plants Required for 100 Feet of Row	Distance for Plants to Stand Hand Cultivation		Depth of Planting	Time of Planting in Open Ground	Ready for Use After Planting
		Rows Apart	Plants Apart in Rows			
Asparagus, seed..	1 ounce	1 to 2 ft.	3 to 5 in.	1 to 2 in.	Early spring	3 to 4 years
Asparagus, plants	60-80 plants	12 to 24 in.	15 to 20 in.	3 to 5 in.	Early spring	2 to 3 years
Beans, bush.....	2 pounds	18 to 24 in.	3 to 4 in.	1 to 2 in.	April to July	40 to 65 days
Beans, pole.....	1 pound	3 to 4 ft.	3 to 4 ft.	1 to 2 in.	May and June	50 to 80 days
Beets	2 ounces	12 to 18 in.	5 or 6 to ft.	1 to 2 in.	April, May and June	90 to 120 days
Cabbage, early...	½ ounce	24 to 30 in.	12 to 18 in.	½ in.	April and May. (Start in hot-bed during March)	90 to 130 days
Cabbage, late.....	½ ounce	24 to 36 in.	16 to 24 in.	½ in.	May and June	90 to 130 days
Carrot	1 ounce	18 to 24 in.	6 or 7 to ft.	½ in.	April to June	75 to 110 days
Cauliflower	½ ounce	24 to 30 in.	14 to 18 in.	½ in.	April to June. (Start in hot-bed during March)	100 to 130 days
Corn, sweet	1 pound	30 to 36 in.	30 to 36 in.	1 to 2 in.	May and June	90 to 120 days
Cress	½ ounce	12 to 18 in.	4 or 5 to ft.	½ to 1 in.	March to May. April to June	30 to 40 days
Cucumber	½ ounce	4 to 6 ft.	4 to 6 ft.	1 to 2 in.	May to July	80 to 100 days
Endive	1 ounce	18 in.	8 to 12 in.	½ in.	May	90 to 110 days
Kohl-rabi	½ ounce	18 to 24 in.	4 to 8 in.	½ in.	April to June	60 to 90 days
Lettuce	½ ounce	12 to 18 in.	4 to 6 in.	½ in.	April to August	60 to 90 days
Melon, muskmelon	1 ounce	6 to 8 ft.	Hills 6 ft.	1 to 2 in.	May and June	120 to 150 days
Melon, watermelon	1 ounce	8 to 12 ft.	Hills 10 ft.	1 to 2 in.	May and June	100 to 120 days
Mustard	½ ounce	12 to 18 in.	4 or 5 to ft.	¼ in.	April and May	60 to 90 days
Onion, seed.....	1 ounce	12 to 18 in.	4 or 5 to ft.	½ to 1 in.	April and May	130 to 150 days
Onion, sets.....	1 quart of sets	12 to 18 in.	4 or 5 to ft.	1 to 2 in.	March to May	90 to 120 days
Parsley	1 ounce	12 to 18 in.	3 to 6 to in.	¼ in.	Early spring	90 to 120 days
Parsnip	1 ounce	18 to 24 in.	5 or 6 to ft.	½ to 1 in.	April and May	125 to 160 days
Peas	2 pounds	30 to 36 in.	15 to ft.	2 to 3 in.	March to July	60 to 90 days
Pepper	½ ounce	18 to 24 in.	15 to 18 in.	½ in.	May and June	100 to 120 days
Potato, Irish	5 lbs. (or 9 bu. per acre)	24 to 36 in.	14 to 18 in.	4 in.	April to June	80 to 140 days
Pumpkin	1 ounce	8 to 12 ft.	Hills 8 to 12 ft.	1 to 2 in.	May to July	100 to 140 days
Radish	1 ounce	12 to 18 in.	8 or 12 to ft.	½ to 1 in.	March to September	20 to 40 days
Rhubarb, plants..	33 plants	3 to 5 ft.	3 ft.	2 to 3 in.	Early spring	1 to 3 years
Rutabaga	1 ounce	18 to 24 in.	6 to 8 in.	½ in.	May and June	60 to 80 days
Spinach	2 ounces	12 to 18 in.	7 or 8 to ft.	1 to 2 in.	September or early spring	40 to 60 days
Squash, bush	1 ounce	3 to 4 ft.	Hills 3 to 4 ft.	1 to 2 in.	May and June	70 to 90 days
Squash, late.....	1 ounce	7 to 10 ft.	Hills 7 to 9 ft.	1 to 2 in.	May and June	120 to 160 days
Turnip	1 ounce	18 to 24 in.	6 or 7 to ft.	¼ to ½ in.	May to July	60 to 80 days

TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

Barley, broadcast	2 to 3 bush.	Onion Sets, in drills	8 bush.
Beans, Dwarf, in drills	1 ¼ bush.	Parsnip, in drills	5 lbs.
Beans, Pole, in hills	10 to 12 qts.	Peas, Canada field, broadcast	120 to 150 lbs.
Beets, Table, in drills	6 lbs.	Peas, Canada field, with oats	75 to 90 lbs.
Beets, Mangel-Wurzel	6 lbs.	Peas, cow, broadcast	60 to 75 lbs.
Buckwheat	1 bush.	Peas, cow, in drills	45 to 60 lbs.
Cabbage, in beds to transplant	¼ lb.	Potatoes (Cut Tubers)	10 bush.
Carrot, in drills	3 to 4 lbs.	Pumpkins, in hills	4 lbs.
Clover, Alsike, alone	5 to 6 lbs.	Radish, in drills	8 lbs.
Clover, Alsike, in mixture	2 to 4 lbs.	Rye, broadcast	1 ½ bush.
Clover, Crimson	12 to 15 lbs.	Rape, broadcast	6 to 8 lbs.
Clover, Red, alone	8 to 12 lbs.	Rape, in drills	4 to 5 lbs.
Clover, Red, in mixture	4 to 6 lbs.	Sage, in drills	8 lbs.
Clover, Sweet, unhulled	25 to 30 lbs.	Spinach, in drills	10 lbs.
Clover, White,	4 to 8 lbs.	Squash (Bush Varieties), in hills	2 lbs.
Clover, Lucerne or Alfalfa	20 lbs.	Squash (Running Varieties), in hills	4 lbs.
Corn, Sweet, in hills	10 qts.	Soy Beans, broadcast	60 to 90 lbs.
Corn, for ensilage	16 qts.	Soy Beans, in drills	30 to 45 lbs.
Cucumber, in hills	2 lbs.	Soy Beans, in drills with corn	15 to 20 lbs.
Grass, Kentucky Blue	42 lbs.	Sunflower	6 to 8 lbs.
Grass, Orchard	22 lbs.	Tomato, to transplant	¼ lb.
Grass, Red Top (Recleaned)	6 lbs.	Turnip, broadcast	2 lbs.
Grass, Timothy	½ bush.	Turnip, in drills	1 ½ lbs.
Grass, Hungarian	1 bush.	Vetch, Hairy, drilled (plus 1 bu. small grain)	40 to 50 lbs.
Grass, Lawn	75 lbs.	Vetch, Hairy, broadcast plus 1 bu. small grain	50 to 60 lbs.
Melon, Musk, in hills	2 to 3 lbs.	Vetch, Spring, plus 1 bu. small grain	80 lbs.
Melon, Water, in hills	4 to 5 lbs.	Wheat, broadcast	1 ½ to 2 bush.
Millet, Japanese	20 lbs.		
Millet, Golden	1 bush.		
Oats, broadcast	2 to 3 bush.		
Onion, in drills	5 lbs.		

GRAINS AND FARM SEEDS

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Prices do not include delivery. Add cost of bags when ordering, as follows: $\frac{1}{2}$ bush., 10 cents; 2 bush., 50 cents.

Spring Wheat, Marquis. (Beardless.) An early and productive variety. The kernel is flinty, darker red and more plump than Red Fife and matures a week to ten days earlier; weight 64 to 66 lbs. per measured bushel. Write for price.

Buckwheat (Japanese.) The best and most profitable variety. It is earlier and more productive than the Silver Hull. Write for price.

Hungarian. A popular annual used for hay and forage, yielding two to three tons per acre. Sow 1 bushel to the acre. Weight 48 pounds per bushel. Write for price.

White Tartar Oats. The earliest, heaviest and most prolific domestic-grown side oat in cultivation. It makes a good growth, with stiff straw about 3 feet in height. The heads measure from 8 to 10 inches and the kernels are of immense size, thick, plump and heavy. Write for price.

Maine 340 Oats. This variety makes a strong growth of straw. The heads are large and bushy, yielding large crops of oats of fine quality. Write for Price.

Barley, Beardless. Early, hardy and productive. Per bushel. Write for price.



Harvest Time at State School for Boys, So. Portland, Maine

Japanese or Barnyard Millet. A forage plant of excellent quality, growing 6 to 8 feet in height, and yielding 10 to 15 tons per acre. Sow 20 lbs. per acre broadcast, 15 lbs. in drills 18 inches apart. Write for price.

Soja Beans. Valuable as a forage crop or green manure; also as a green fodder and silo plant. **Early Dwarf Green.** An early maturing variety. Write for price.

Winter Vetch. Suitable for both spring and autumn seeding, and if intended to stand over the winter, they should be sown as long before winter as possible to enable them to become established firmly.

Canada Field Peas. A valuable crop for soiling and for cattle feed. Sow $2\frac{1}{2}$ bushels per acre—if sown with oats, use one and one-half bushels each of the oats and peas. Write for price.

Winter Rye (Rosen.) Rosen Rye produces a strong vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and beautiful color. Owing to its vigorous stooling property, less seed is required per acre. Write for price.

Sunflower, Mammoth Russian. This is the best variety to grow. The seed is largely used for feeding poultry, the whole plant makes fine ensilage. Plant and cultivate like corn. Sow 6 lbs. per acre. By mail postpaid, oz. 10c., lb. 25c., 10 lbs. \$2.00.

Dwarf Essex Rape. A forage plant of great value, furnishing rich pasture for sheep, hogs or cattle within six weeks from the time of sowing. It also makes splendid green feed for poultry. Sow 8 lbs. per acre broadcast, 4 lbs. per acre in drills. Write for price.

“Sterling Quality”

GRASS AND CLOVER SEEDS

NOTE—“Sterling Quality” Timothy and Clovers are Northern grown, domestic seed, especially adapted to the climate of New England.

You will find our “Sterling Quality” brand farm seeds the very highest in tests as to purity and germination. We do not carry the so called “medium grades” which might be purchased at a slightly cheaper price. The best, or “Sterling Quality” gives the greatest satisfaction to you and to us.

Prices Subject to Market Changes



Haying with oxen at Yarmouth Foreside

SPECIAL QUOTATIONS WITH SAMPLES ON APPLICATION

Timothy, or Herd's Grass (“Sterling Quality”). Perennial. Roots are fibrous in moist soils, but in dry soils often become bulbous; blooms in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass. It is the most valuable grass for hay, especially in the North, thriving best on moist, loamy soils of medium tenacity.

Red Top, Fancy Recleaned. (“Sterling Quality”). Root-creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils, producing a large return in good hay.

Kentucky Blue Grass. Root-creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, and is excellent for pastures. It is a very valuable species in lawn mixtures.

Orchard Grass. Root fibrous, perennial, flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses.

CLOVERS

Clovers are the foundation of permanent agriculture in the North and East. They have the faculty of taking nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap-roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

Red Clover. (“Sterling Quality.”) This is the common Red Clover and by far the most important variety for the practical purposes of agriculture.

Alsike, or Swedish. (“Sterling Quality.”) The hardest of all clovers; it resists cold and extreme drought, and for low, wet land is most valuable; excellent for bees.

Alfalfa or Lucerne Clover. Valuable as hay and forage crop.

Sweet Clover, Bokhara. Used as a soil-improving crop.

White Clover. Largely used in lawn and pasture mixtures.

Large returns
Small cost

Improve your soil

No labor expense
Easy to use

Increase your crops

Mulford Cultures

FOR LEGUMES

Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Mulford Cultures are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat, cotton, corn and other non-legume crops.

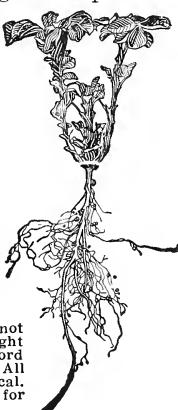
Always specify on your order what crop you want to inoculate.

ALFALFA	ALSIKE CLOVER	VETCH	LIMA BEANS
CRIMSON CLOVER	BURR CLOVER	VELVET BEANS	LESPEDEZA
SWEET CLOVER	COW PEAS	SWEET PEAS	BEGGAR WEED
RED CLOVER	SOY BEANS	GARDEN PEAS	and others
		GARDEN BEANS	

Prices for Mulford Culture Concentrates

For small seeds, Alfalfa, Clovers, etc.	For large seeds, Soy Beans, Cow Peas, etc.
10 bushel size	\$8.00
2½ bushel size	2.25
1 bushel size	1.00
½ bushel size .....	.60
Garden size (composite culture for Garden Beans, Garden Peas, Lima Beans and Sweet Peas) .....	.35

Free Descriptive Folder sent upon Request



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.



Roots like this mean bigger yields—better soil.

FARMOGERM A SEED INOCULANT

That Increases Crop Production

Soil and crop experts agree that for best growth, and to put atmospheric nitrogen in the soil, it will pay all farmers to inoculate all legumes, even where they are at present successfully grown. The cost is trivial when compared with the profit it will bring you. Legumes are clovers, peas and beans, alfalfa, soy beans, vetches, and other plants that grow their seeds in a pod. Their roots are the home of bacteria that draw fertility-building nitrogen from the air and store it in swellings on the roots, called nodules. These nodules not only feed nitrogen to the crop they are on, but rot away in the ground and supply valuable nitrogen to the soil for future crops. The one-acre size bottle is sufficient for 15 pounds of clover, 20 pounds of alfalfa, 100 pounds of Canada Field Peas, 60 pounds of Vetch, etc. A different bacteria is required for each crop. When ordering, be sure to state what crops you wish to inoculate.

A special composite culture is prepared for peas, beans, and sweet peas, $\frac{1}{4}$ acre size only. You'll get more peas and beans, and larger sweet peas by using this. Ask for No. 5, price 50c.

Farmogerm prices are: 1-acre size, \$1.00; 3-acre size, \$2.50; 12-acre size, \$9.00. Full directions accompany each bottle.

"Sterling Quality"

CHOICE FLOWER SEEDS

ANNUALS (for Perennials see pages 37-38)

General Directions For Cultivation

A rich, sandy loam is the best for most flowering plants. The soil of a good garden should be deep, well pulverized, and if fertilizers are used they should be thoroughly mixed with the soil.

It is best in practically all instances except hardy annuals to start the seed in boxes, preferably a box about 18x24 inches and 4 inches deep, using very sandy soil with leaf-mold that will not bake, and provide for drainage by boring some holes in the bottom of the box. It is best not to put any fertilizer in the seed box, since it is necessary to bring the plants to the third or fourth leaf, when they should be pricked out and reset in another box, in which the soil should be loam mixed with leaf-mold. It is important that the plant be of good size, strong and sturdy, when finally transplanted in the garden.

If the seed be sown directly in the garden, it should be sown in the spring after the soil is well worked and fertilized. When up, the plants must be thinned from two to twelve inches, depending on the variety, otherwise they will be weak and spindling. It is a mistake to leave plants too thick. A common mistake in sowing flower as well as other seeds is covering too deep. As a general rule, cover only to the depth of the thickness of the seeds, or with medium-sized seeds, like Balsams, Zinnias, etc., half an inch or less is the proper depth. Such fine seeds as Portulaca, Nicotiana, etc., need only to be pressed into the soil with a piece of board or palm of the hand. Always press the earth down firmly after sowing all flower seeds, else there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow; but as a rule, it is preferable to transplant, as the plants are generally stronger and stand the drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such annuals as require it.

The weeds should be kept down and the ground loosened often, so that the plants will receive the full benefit of the rains and dews, which they will not if the ground is allowed to become hard and baked.

Per Pkt.

ACROCLINIUM. A half-hardy annual, bearing white and rose-colored flowers which are used when dried for winter bouquets. 1½ feet. Rose and white, mixed \$0.10

AGERATUM. A beautiful, hardy annual. The flowers, which are produced in clusters, are very attractive in the garden and are very useful for bouquets.

Little Blue Star. Bright blue flowers, 6 inches..... .10

Blue Perfection. Dark Blue. 1½ feet..... .10

ALYSSUM. A fragrant, hardy annual, bearing spikes of small, white flowers in great profusion throughout the summer and autumn. Useful for borders and for cutting.

Sweet Alyssum. Flower small and sweet..... oz. 50c. .10

Little Dorrit. Pure white, very dwarf and sweet scented, oz. \$1.00 .10

Lilac Queen. Of dwarf compact habit, with flowers of a pure lilac color; 4 inches..... .10

ANTIRRHINUM (Snapdragon.) A half-hardy perennial, easily raised from seed. Bloom profusely the first season from mid-summer till fall.

TALL, LARGE FLOWERING VARIETIES

Cottage Maid. Pink, with white throat..... .10

Fire King. Orange scarlet, white tube..... .10

Nelrose. Rich coral pink..... .15

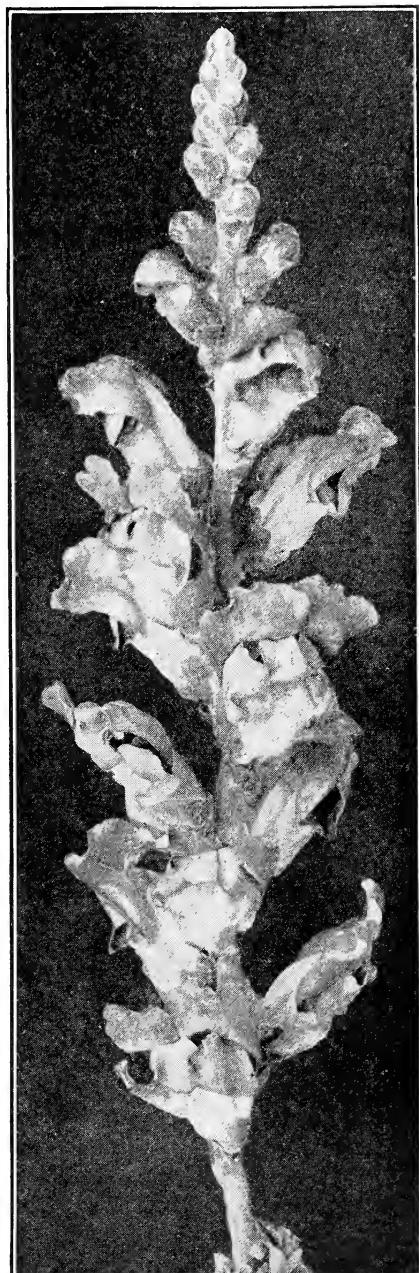
Queen Victoria. Large pure white..... .10

Golden Queen. Large yellow..... .10

Othello. A wholly new type with wide flowers. The color is dark maroon with satin sheen..... .10

Silver Pink.10

Large Flowering. Mixed colors..... ¼ oz. 50c. .10



ANTIRRHINUM OR SNAPDRAGON

FREE DELIVERY

To any address in the United States on all Flower Seeds by the packet, ounce, half-pound, and pound.

ASTERS

A popular half-hardy annual produced in a great variety of classes and an almost endless number of colors. The tallest varieties grow about two feet high and some varieties of dwarfs are not six inches high. The best method of culture is to sow the seed in boxes in March or April. Cover the seeds about one-fourth inch deep with rich, light soil, and when the plants have three or four leaves transplant about 15 inches apart each way. The seed can be sown in rows where the plants are to remain, thinning them from six to twelve inches apart, according to variety. One of the best annuals for cut flowers.

CALIFORNIA GIANTS (NEW). A type characterized by the Beauty's vigorous growth and the Crego or Ostrich Feather type of flower. A true nonlateral type. The flowers are much larger and more substantial than the improved Crego, measuring 5 to 6 inches in diameter, and stand up well when shipped as cut flowers. Their immense size and beauty, as well as their long and sturdy stems make them very attractive when arranged in floral work—Peach Blossom—Light Blue—Dark Purple—Deep Rose—Mixture of above. Per pkt. 20c. each, 3 pkt. 50c.

EARLY AND MEDIUM EARLY ASTERS

Imperial Daybreak. Flowers very large and double; color a shell pink; height 2½ feet. Per pkt. 10c., ½ oz. 40c., ¼ oz. 70c.

Imperial Purity. Similar to Daybreak in form and habit of growth; the blooms are pure white.

Per pkt. 10c., ½ oz. 40c., ¼ oz. 70c.

Imperial Lavender. The form of the flower and the habit of the plant are identical with Daybreak, but the color is a delicate lavender.

Per pkt. 10c., ½ oz. 40c., ¼ oz. 70c.

The Royal An early flowering aster; the plants are of branching habit; the flowers are very double and are borne in great profusion on long stems. Mixed colors. Per pkt. 10c., ½ oz. 45c., ¼ oz. 80c.

Queen of the Market. One of the earliest blooming varieties. The plants are about 1 foot high, bearing from ten to fifteen finely formed flowers on long and graceful stems. White, light pink, lavender and mixed colors. Separate colors, or mixed.

Per pkt. 10c., ½ oz. 45c., ¼ oz. 80c.

MID-SEASON AND LATE ASTERS

Victoria Fiery Scarlet. The flowers are of enormous size, very double, with the petals beautifully recurved. For bedding or exhibition, the Victoria is unrivaled. Height 2 feet.

Per pkt. 10c., ½ oz. 45c., ¼ oz. 80c.

Vick's Peerless Yellow. The most satisfactory yellow yet produced. The flowers are large and remarkably full and ball shaped, the plants of branching type and very vigorous. Pkt. 20c., ½ oz. 50c.

Astermum. A select strain of this new aster. The flowers are of immense size, with curled and twisted petals, closely resembling the blooms of Japanese Chrysanthemums. Mixed colors.

Per pkt. 10c., ½ oz. 50c., ¼ oz. 85c.



ASTERMUM

MID-SEASON AND LATE ASTERS Cont'd

Improved Giant Crego. One of the finest varieties of asters, flowers very large, often five inches across, with long, stout stems. Keep longer in good condition when cut than any other variety. Height 2½ feet. White, shell-pink, rose-pink, lavender, purple and mixed colors. Separate colors, or mixed.

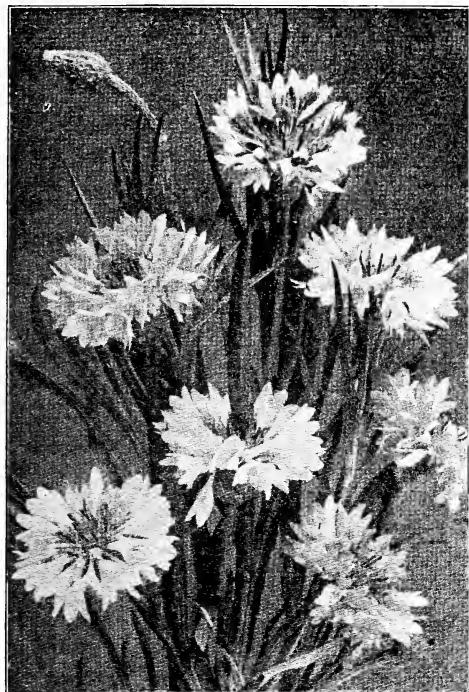
Per pkt. 10c., ½ oz. 50c., ¼ oz. 85c.

Giant Comet Branching. The plants form strong, branching bushes 2 to 2½ feet high bearing on long, strong stems flowers which, under ordinary cultivation, average 5 inches across. White, shell-pink, rose pink, lavender, crimson, light blue and mixed colors. Separate colors, or mixed.

Per pkt. 10c., ½ oz. 50c., ¼ oz. 85c.

September Beauty. Delicate shell-pink. Per Pkt. .15

China Asters. General Mixture. A mixture of many sorts and colors blooming from early in the summer to late in the fall. Per pkt. 10c., ½ oz. 35c.



BACHELOR'S BUTTON

BACHELOR'S BUTTON.		Per Pkt.
Single Blue	.....	.10
Single Mixed Colors	.....	.10
Double Mixed Colors	.....	.10
Double Blue. Fine dark blue	.....	.10

BALSAM.		
Double Camellia-Flowered.	Choice mixed	.10
Double Rose-Flowered.	Mixed colors	.10
	.....	.10

BEANS. Flowering.		
Scarlet Runner	.....	.10

BROWALLIA.		
Very handsome, free-flowering plants.	1½ feet high.	
Elate. Blue	.....	.10

CANARY BIRD VINE.		
Half-hardy, climbing annual, bearing an abundance of bright yellow fringed flowers	.....	.10

CALENDULA.		
Profuse-blooming dwarf annuals; of easy culture and flowering until frost.		
Orange King. Double, dark orange red,.....	1/4 oz. 25c.	.10
Lemon King. Lemon-yellow.....	1/4 oz. 25c.	.10
Meteor. Yellow flowers, striped with orange.....	1/4 oz. 25c.	.10
Mixed Varieties.....	1/4 oz. 20c.	.10

CALLIOPSIS (or Coreopsis)		
A hardy annual growing about 2 feet high, valuable for bright bedding effects or for cutting. Blooms from June until September.		

Mixed colors. Fine Varieties 1/4 oz. 25c. .10

Per Pkt.

CANDYTUFT. A hardy annual of easy culture and valuable for bedding or massing.	
Giant Hyacinth Flowered. Very large heads and long spikes of white flowers. 1 foot.	
.....	1/4 oz. 30c. .10
Crimson. 1 foot.....	.10
Flesh Pink. 1 foot.....	.10
White. 1 foot.....	.10
Mixed, all colors. 1 foot. Oz. 45c., 1/4 oz. 15c.	
Little Prince. Dwarf, white. 6 inches.....	.10

CANNA. The Canna will bloom from seed the first year if the seed is sown early. Seeds should be soaked for twenty-four hours in warm water before sowing.	
Crozy's Varieties. Mixed. New large-flowered and free-blooming sorts..... 1/4 oz. 30c. .10	

CARNATION. Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite type is the best for summer flowering.	
Marguerite type	
White .....	.10
Yellow .....	.10
Crimson .....	.10
Mixed, all colors .....	.10

CENTAUREA (Dusty Miller.) Half-hardy perennial, used for borders or edgings.	
Candidissima. Silvery white foliage, deeply cut; about 1 foot high.....	.10
Gymnocarpa. Leaves silver gray, with graceful, drooping habit. 1½ feet.....	.10

CHrysanthemum (Annual.) Summer-blooming annuals, growing 12 to 18 inches high. very effective for beds or cut blooms.	
Single Mixed	1/4 oz. 20c. .10
Double Mixed	1/4 oz. 20c. .10



CALENDULA

Per Pkt.

CLARKIA. Beautiful, hardy annuals with rose-colored, white and purple flowers in very brilliant shades. About 1½ to 2 feet high and profuse bloomers.

Single Mixed	1/4 oz.	30c.	.10
Double Mixed	1/4 oz.	30c.	.10

COBAEA. A rapid-growing climber, with handsome foliage and large bell-shaped flowers half-hardy perennial. 20 ft.

Scandens. Purple.....	1/4 oz.	25c.	.10
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COCKSCOMB. Very popular annuals of the easiest culture, producing large, ornamental comb-like heads; useful both for summer bedding and pot plants.

Glasgow Prize. Brilliant, deep purplish-red combs, dark foliage. Height about 1 foot..	.10
Finest Dwarf Mixed.	.10

COLEUS. A tender perennial, growing about 10 to 18 inches high, and grown for its beautiful, bright-colored, velvety leaves.

Mixed Hybrids. Finest Mixed varieties...	.25
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CONVOLVULUS major (Morning Glory.) A handsome, showy climber of easy culture and suitable for covering windows, trellises, etc. The flowers are most brilliant in the morning and run through many shades from white to dark blue, red and striped. Hardy annuals 10 feet high.

Mixed Choice Colors	oz. 25c.	.10
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COSMOS. A very effective flowering plant, quite hardy and rapid growing, forming bush-like plants 4 to 6 feet high and covered with large, single, dahlia-like flowers. Start in March and transplant to open ground about June first.

Early Flowering, Mixed Colors..	1/4 oz.	20c.	.10
" White	1/4 oz.	25c.	.10
" Pink	1/4 oz.	25c.	.10
" Crimson	1/4 oz.	25c.	.10

Late Flowering. Giant Mixed.	6 to 7 feet high	1/4 oz. 25c.	.10
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NEW EXTRA EARLY FLOWERING DOUBLE COSMOS. They grow to a height of about three feet, forming a perfect bush massed with bloom, bearing beautiful double flowers of good size on long stems; they come about seventy-five per cent double from seed. They bloom in seventy days from the day seed is sown, and continue until cut down by frost.

Double Crimson,.....	.25
Double Pink,.....	.25
Double White,.....	.25

CYCLAMEN. A tender perennial for greenhouses and window gardens. Easily grown from seed. Sow in August or September.

Persicum Giganteum. Giant mixture.....	.50
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CYPRESS VINE. A summer, climbing annual with fine, feathery foliage and pretty, star-shaped flowers.

Scarlet10
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DOUBLE COSMOS

Per Pkt.

DATURA. Large, strong-growing plants with large, trumpet-shaped flowers. 3 feet.

Mixed, all colors10
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DIANTHUS or Pinks. Hardy biennials that bloom the first season, remaining green all winter and blooming the next year also if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year. Seed can be sown under glass in the spring, or in an open, sheltered bed. The seedlings are easily transplanted. Average height, 1 foot.

Mixed, all colors	1/4 oz. 25c.	.10
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DAHLIA. A popular late summer and autumn flowering plant. The seed may be planted early in the hotbed and the plants set out in May after all danger of frost is over. By sowing the seed early the plants may be made to bloom the first year.

Double Mixed.....	.10
Single Mixed.....	.10

DIDISCUS. (Blue Lace Flower) An attractive annual blooming from July until frost. The flowers are pale lavender and are invaluable for cutting. Height 1½ ft.

.....	.15
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FEVERFEW. Free-flowering annuals for bed, borders and pot culture.

Double White.....	.10
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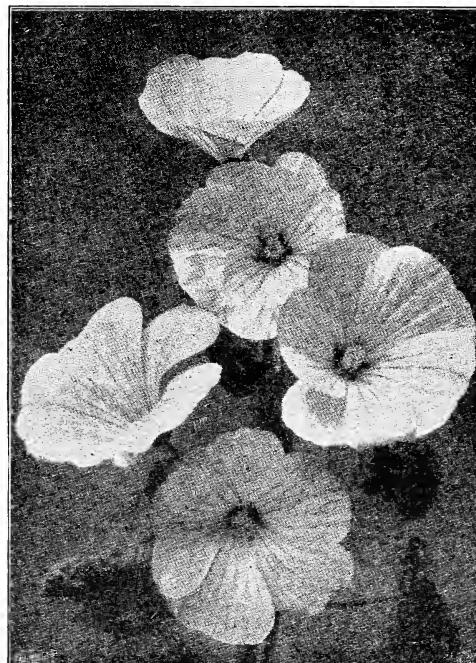
Golden Feather. Very popular for edgings. 1 foot.

.....	.10
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GRASSES (Ornamental.) Ornamental grasses serve the double purpose of rendering the mixed flower bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets.

Mixed Annual Varieties.....	.10
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	Per Pkt.	Per Pkt.
ESCHSCHOLTZIA (California Poppy.) The foliage is finely cut and has a blush tinge, delicate and very attractive. The large, handsome flowers, two inches or more in diameter, are produced in great profusion all summer. Seeds can be sown where the plants are to bloom. Hardy annual; height, 1 foot.		
SCARLET BEAUTY. This is one of the brightest colors in Eschscholtzias, it being a deep scarlet and as the plants are very erect, it has the appearance when in bloom of a vivid scarlet tulip.....	.15	
Californica. Deep yellow, orange center. ....	.10	
Mandarin. Deep Orange.....	.10	
Carmine King. Carmine-Rose .....	.10	
Grandiflora Mixed Colors .....	.10	
GAILLARDIA. Very showy plants with brilliant flowers. Hardy annuals, 2 feet high.		
Double Mixed. Annual .....	.10	
ODETIA. Beautiful garden plants, having large, delicately shaded blossoms. Easily cultivated in garden soil. Hardy annual; about 1 foot high		
Finest Mixed .....	.10	
GOUDIERS. Ornamental, rapid-growing, trailing annuals, with curiously-shaped, highly-colored fruits. Cultivate the same as melons or squashes; 10 to 20 feet.		
Mixed Varieties .....	.10	
GYPSOPHILIA (Baby's Breath). Free-flowering, elegant plants, succeeding in any garden soil.		
Elegans grandiflora alba. A hardy annual, pure white flowers .....	.10	
HELICHRYSUM. (Straw Flower.) Everlasting flowers, large and full. Cut before the flowers fully expand. Hardy annual. 2 feet.		
Finest Double Mixed .....	.10	
HELIOTROPE. This class of plants is one of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Seed sown early in the spring in the house will make fine plants for summer bedding.		
Queen Marguerite. Bears immense clusters of large deep dark-blue flowers. Very fragrant	.10	
Finest Mixed.....	.10	
HOLLYHOCK. Hardy annuals, blooming the first season.		
Single Mixed.....	.10	
Double Mixed.....	.10	
HUMULUS JAPONICUS (Japanese Hop.) Fast-growing, annual climber. 12 feet..	.10	
HYACINTH BEAN. Tender, climbing annual. Grows rapidly and is valuable for covering a trellis. The shining purple seed pods are very ornamental.		
Finest Mixed .....	.10	
KOCHIA TRICOPHYLLA (Summer Cypress.) A splendid ornamental annual plant, forming dense oval bushes 2 to 2½ feet high, of small, feathery, light green foliage. As summer advances, this changes to a carmine hue and finally to a fiery red. A very attractive plant .....	.10	
LARKSPUR. (Delphinium.) Very ornamental plants, producing, in great variety of form and colors, some of the most beautiful flowers in cultivation.		
Double Dwarf Rocket. 1 foot in height		
Mixed Colors .....	.10	
Stock-Flowered. Double, branching; fine for cutting. 2 feet. Mixed colors.....	.10	
Double Stock Flowered Tall "Exquisite." An excellent variety for cutting or garden decoration, growing 2½ to 3 feet. The color is a beautiful soft pink. Hardy annual.		
.....	.15	
LAVATERA (Mallow.) Beautiful hardy annuals covered the entire summer with saucer-shaped flowers. The seed may be sown where they are to bloom. Height 2 to 3 feet.		
Pink .....	.10	
White .....	.10	



LAVATERA

Per Pkt.

LINUM Grandiflorum Rubrum (Scarlet Flax.) A beautiful and effective plant of slender and delicate growth, having a profusion of bright flowers. Hardy annual; about $1\frac{1}{2}$ feet high. .10

LOBELIA. The dwarf varieties are very useful for edging, and the trailing varieties for hanging baskets and window-boxes.

Erinus gracilis. Blue trailing..... $\frac{1}{8}$ oz. 40c. .10
White Gem. Snow-white flowers..... .10
Crystal Palace Compacta. 6 inches.
Dark blue bedding variety..... $\frac{1}{8}$ oz. 50c. .10

LOVE-IN-A-MIST. A hardy annual, 1 foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture.

Mixed. Blue and white shades..... $\frac{1}{2}$ oz. 25c. .10

LOVE LIES BLEEDING. Light yellowish green foliage; long, drooping, crimson flower spikes. Plant 3 to 4 feet high. Hardy annual..... .10

LUPINS. Showy plants, with long spikes of various colored pea-shaped flowers; very desirable for mixed borders.

Fine Mixed10

MALOPE. Free-blooming, hardy annuals suitable for mixed borders and fine for cutting. Height 3 feet.

Grandiflora Mixed $\frac{1}{2}$ oz. 25c. .10

MARIGOLD (Tagetes.) A hardy annual plant, in dwarf and tall varieties, growing from 6 inches to 2 feet high. Foliage bright green, deeply cut and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. Seeds can be sown in a cold frame and the plants transplanted late in the spring or in the open border.

DOUBLE AFRICAN VARIETIES

Orange Prince. A double variety with quilled petals; flowers showy, bloom very early $\frac{1}{4}$ oz. 25c. .10

Lemon Queen. Large, lemon-colored flowers10

Mixed Colors $\frac{1}{4}$ oz. 20c. .10

FRENCH VARIETIES

Tall Double Mixed $\frac{1}{4}$ oz. 20c. .10

Dwarf Double Mixed $\frac{1}{4}$ oz. 20c. .10

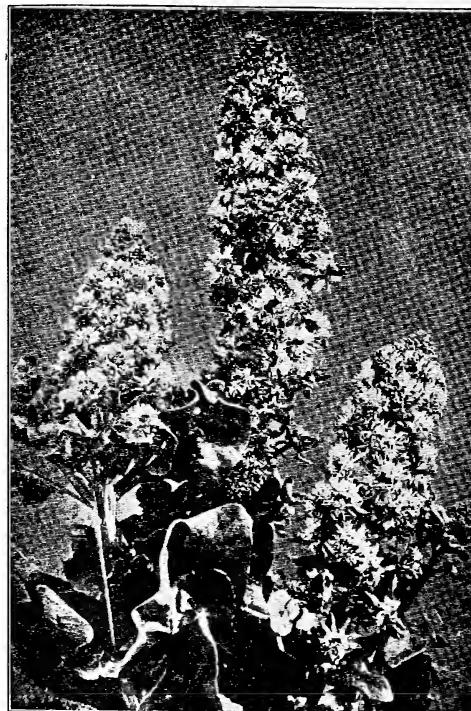
MIGNONETTE (Reseda.) A hardy annual, growing 6 to 12 inches high and bearing pyramidal-shaped flower spikes, which are exceedingly fragrant. Grows easily from boxes or sown out in the garden and thinned to 4 or 6 inches. Valuable for potting, for bedding or for border.

Large Flowered. Very sweet $\frac{1}{2}$ oz. 20c. .10

Goliath. A giant, red-flowered variety richly scented..... $\frac{1}{4}$ oz. 50c. .10

Carter's Perfection. Large spikes, deliciously fragrant..... $\frac{1}{4}$ oz. 30c. .10

White Pearl. Long spikes of fragrant white flowers.10



MIGNONETTE

Per Pkt.

MARVEL OF PERU. The flowers of this old-fashioned favorite open about four o'clock in the afternoon and fade the next morning. 2 feet high, with bright foliage and fragrant flowers of desirable colors. Seed should be planted in the open ground where plants are desired.

Mixed Colors $\frac{1}{2}$ oz. 20c. .10

MOONFLOWER. A beautiful vine which grows very rapidly, attaining a height of 50 feet in a season, producing flowers 3 to 4 inches across. Blossoms evenings and cloudy days. Soak the seeds in warm water 24 hours before planting.

Grandiflora Alba. Large white flowers. $\frac{1}{2}$ oz. 25c. .10

Giant Pink...Soft lilac-pink flowers. $\frac{1}{2}$ oz. 25c. .10

MOURNING BRIDE (Scabiosa.) A very showy free-flowering plant, producing a great profusion of beautiful and richly-colored double flowers. Beautiful in the garden and excellent for bouquets. 12 to 18 inches high. Annual.

Mixed Colors $\frac{1}{4}$ oz. 25c. .10

MIMULUS (Monkey Flower.) Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.

Mixed Spotted Varieties..... .10

MUSK PLANT. Fragrant plant, with small yellow blossoms, spotted lightly with brown... .15

NASTURTIUM

A popular flower which is in constant bloom throughout the season, making a better display than almost any other plant. New colors are being developed, and in our list will be found all the best varieties that have been introduced.

Nasturtiums are of the easiest culture and require very little care after the seed is sown, merely weeding and the seed-balls picked off. If these are permitted to mature the beauty of the plant is soon lost. Plant the seed one inch deep in moderately good soil. The tall sorts are specially adapted for covering unsightly fences or trailing over rocks and rough ground. Hardy annual.

Dwarf Varieties

Of dwarf, compact growth; bloom in two months from sowing and most profusely the whole season. Height 1 foot.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Aurora. Light reddish-orange, veined with carmine .....	.05	.15	.40
Beauty. Scarlet and yellow .....	.05	.15	.40
Bronze, Golden Brown. .....	.05	.15	.40
Crystal Palace Gem. Sulphur-yellow spotted with carmine .....	.05	.15	.40
Empress of India. A splendid variety, with dark leaves and crimson flowers .....	.05	.15	.40
Golden King. Golden yellow.....	.05	.15	.40
Golden Midnight. The foliage is a light yellowish-green, while the flowers are of such a dark maroon as to seem almost black .....	.10	.20	.50
King of Tom Thumbs. Dark foliage, scarlet flowers .....	.05	.15	.40
King Theodore. Intensely dark crimson or chocolate .....	.05	.15	.40
Pearl. Creamy white .....	.05	.15	.40
Queen of Tom Thumbs. Variegated foliage, bright crimson flowers....	.05	.15	.40
Vesuvius. Salmon pink, dark foliage..	.05	.15	.40
Scarlet. Brilliant scarlet flowers.....	.05	.15	.40

Special offer. 6 five cent pkts. of the above for 20c.

DWARF MIXED NASTURTIUMS

A., S. & L. Extra Choice Mixture. Our own mixture from a selection of named varieties and colors. Nothing finer. Pkt. .05c., oz. 15c., $\frac{1}{4}$ lb. .40c. 1 lb. \$1.25.



NASTURTIUM

Tall or Climbing Varieties

Height, 10 to 12 feet.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Coccineum. Scarlet.....	.05	.15	.40
Dark Crimson. .....	.05	.15	.40
Dunnett's Orange. Deep Orange.....	.05	.15	.40
Hemisphaericum. Orange-salmon and scarlet .....	.05	.15	.40
King Theodore. Dark red, extra fine..	.05	.15	.40
Pearl. Creamy white.....	.05	.15	.40
Prince Henry. Light yellow, marbled with scarlet.....	.05	.15	.40
Schillingi. Bright yellow, blotched with maroon.....	.05	.15	.40
Vesuvius. Brilliant salmon-rose, dark-leaved .....	.05	.15	.40
Yellow .....	.05	.15	.40

Collection of six varieties for 20c.

TALL MIXED NASTURTIUMS

A., S. & L. Extra Choice Mixture. Our own selection. Pkt. .05c., oz. 15c., $\frac{1}{4}$ lb. .40c., 1 lb. \$1.25.

Per Pkt.

NEMESIA STRIMOSA SULTONI. Free-blooming plants for pot culture and open border. Sow the seed in March under glass or sow out of doors in May. Hardy annual. 1 foot. Blue, lilac, and white flowers..... .10

NICOTIANA. Showy plants with slender, tall, flowering stems and fragrant flowers; half-hardy annuals. About 3 feet high.

Affinis. White and very fragrant..... .10
Mixed Hybrids. All colors..... .10

PANSY

Pansies thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms. If sown in the spring, get it in as early as possible, so as to secure flowers during the early rains. Seed sown in a cool place in May or June, and well watered until up, will produce fall-flowering plants. To have good flowers, the plants must be vigorous and make a rapid growth; use manure liberally.



Per Pkt.

Mastodon Miracle Mixed (new.)	A super mixture containing the finest types of pansies including ruffled flowers, and many new sunburst pansies, smoky rims, henna shades, with fine long stems.	.....	.50
Greenhouse Special Mixed.	.....	1/8 oz. \$2.00	.30
"A., S. & L." Special mixed.	.....	1/8 oz. \$1.00	.20
Choice Mixed	.....		.10

PASSION FLOWER (Passiflora.) A half-hardy perennial climber, bearing attractive blue fringed flowers. Height 10 to 15 feet..... .10

PRINCE'S FEATHER. Tall spikes of red flowers 3 feet

..... .10

PHLOX DRUMMONDII. Grandiflora. One of the most satisfactory bedding plants. A hardy annual growing about one foot high, and bearing beautiful and brilliantly colored flowers.

Isabellina. Yellow .....	.10
Alba. Pure White .....	.10
Alba Occulata. Dark Purple, white eye....	.10
Brilliant. Bright Scarlet.....	.10
Finest Mixed. Best large-flowered varieties	1/4 oz. 50c. .10

POPPY (Papaver)

The seed should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Thin 6 to 10 inches apart. If left thick the plant will be weak and the blossoms inferior.

SHIRLEY VARIETIES

Per Pkt.

"A., S. & L." Single Mixed. The most beautiful type of poppies, having soft foliage and an immense variety of single blossoms in white, pink, lavender, purple, shades of red and scarlet; the best and most showy of all single poppies.....	oz. 50c. .19
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"American Legion." This new single Shirley is a dazzling orange scarlet of enormous size, borne on long stout stems. The plants are of very erect robust growth..... oz. 75c. .15

Salmon Shades, Double 1/4 oz. 25c. .10

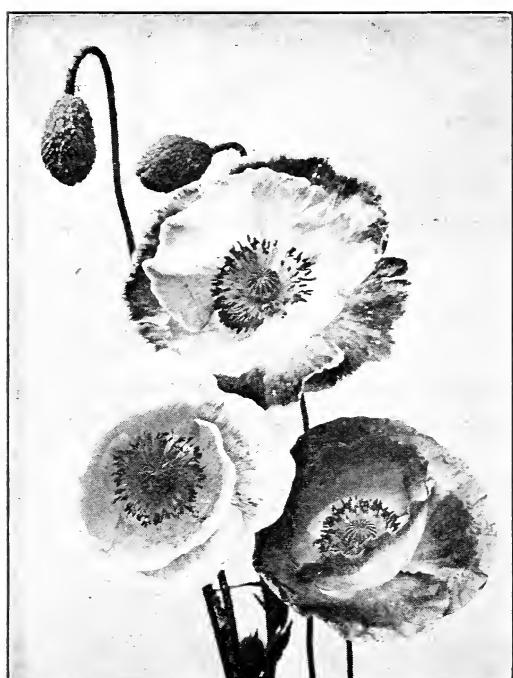
Pink Shades, Double 1/4 oz. 25c. .10

CARNATION VARIETY

Double Mixed 1/2 oz. 25c. .10

SNOWDROP

Pure White 1/2 oz. 20c. .10



SHIRLEY POPPY



FRINGED PETUNIA

PETUNIA. Free-flowering and easily cultivated; well-known favorites. They thrive in almost any soil and produce a brilliant array of color throughout the season. The seed will germinate with little difficulty if a reasonable amount of care is used in sowing. Be sure that the soil is well pulverized; then sow the seeds on the surface, pressing them into the soil by using a small smooth board, and cover very lightly with fine soil.

Per Pkt.

Large-Flowered Single, Fringed. Choice mixed	\$0.25
Large-Flowered Double. Choice mixed .....	.50
Giants of California. Flowers very large, and deeply fringed. A variety of colors.....	.25
Ruffed Giants. Flowers of enormous size, with ruffled edges and brilliant colors.....	.25
Rosy Morn. A bright rosy pink with white throat	1/4 oz. \$1.00
Howard's Star. A beautiful free-flowering strain, color a rich, dark crimson, with five-pointed white star.....	.15
Choice Mixed. Striped and blotched. ....	.15
..... 1/8 oz. 25c.,	.10

PORTULACA. The plants are of low growth and spreading habit. The flowers of the double varieties are like small roses, and make a particularly brilliant show. Sow seed in the open ground as soon as the weather is warm, or in a hotbed earlier. The plants can be transplanted when in full flower. Annual.

Double Mixed Colors	1/8 oz. 50c.
Single Mixed Colors	1/8 oz. 20c.

PRIMULA (Chinese Primrose.) A beautiful flowering plant for winter decoration in the home or conservatory.

Sow the seed in well-drained shallow pans, from April to the last of July, to insure flowering the following winter.

Giant Fringed. Mixed Colors.....

.50

RHODANTHÉ. Fine for garden. Comes into flower early and continues a long time. One of the best everlasting for bouquets.

Fine Single Mixed.....

.10

RICINUS (Castor Oil Bean.) A half-hardy annual, growing from 6 to 15 feet high and bearing large, green, deep purple and brown leaves, and bright orange and scarlet flowers. Of the easiest culture. Fine for lawns, massing or center plants for beds.

Per Pkt.

Zanzibarensis Mixed. A very large-leaved variety, light and dark green and bronze foliage; 10 to 12 feet	Oz. 35c. .10
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PRIMULA

SALPIGLOSSIS. Very showy bedding or border plants with richly-colored flowers, which are purple, scarlet, crimson, yellow, buff, blue or almost black, beautifully marbled and pencilled. Hardy annual, 2 feet.

Emperor. Finest Mixed. Very large flowers.	1/8 oz. 50c. .10
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SCHIZANTHUS. Hardy annuals, growing 1 1/2 to 2 feet high, and covered with bright, showy, butterfly-like blossoms.

Choice Mixed Large Flowering10
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SMILAX. A graceful climber with small, dark green foliage..... .10

SWEET PEAS

The popularity of Sweet Peas is demonstrated by the many and beautiful varieties that are introduced each year. Our list includes all the best up-to-date varieties.

Sow as early as the ground can be prepared in a deep, rich, moist soil, in drills 6 inches deep, covering about 2 inches deep. As the vines grow, fill up the trenches with soil and thin out to about 4 or 5 inches apart. A popular plan at the present time is to sow in double rows with a trellis or a row of brush between.

One-quarter of a pound of seed will sow fifty feet.

Giant Spencer Varieties

The Spencers have very large waved flowers which are produced abundantly on long, strong stems, and are most desirable for cutting.

Alexander Malcolm. Very bright scarlet cerise.

Apple Blossom Spencer. Standard bright rose, wings primrose with a flush of rose.

Astra Ohn. The best lavender, very large and wavy.

Aurora Spencer. White, with stripes and flakes of orange-pink.

Barbara. Bright salmon orange with dark stems.

Contance Hinton. The largest white Spencer.

Countess Spencer. The original giant-flowered Spencer, clear pink.

Crimson King. The color is a solid, rich, deep, clear crimson throughout, becoming richer in the throat.

Dainty Spencer. White with rose-pink edges.

Dobbie's Cream. The finest primrose-yellow.

Elfrida Pearson. Light pink, shaded lighter.

Florence Nightingale. Large, pure lavender.

Geo. Herbert. A large Spencer, rose-crimson.

Hebe. A giant flower of finest form. Color bright rose pink. Flowers are beautifully waved.

Illuminator. Salmon orange overlaid with bright cerise.

Jack Cornwell, V. C. Deep blue. One of the most beautiful.

King Edward. The best pure red Spencer, very large.

King White. Large pure white.

Mrs. Hugh Dickson. Buff apricot and rose.

Mrs. Tom Jones. Deep amethyst blue, very fine form.

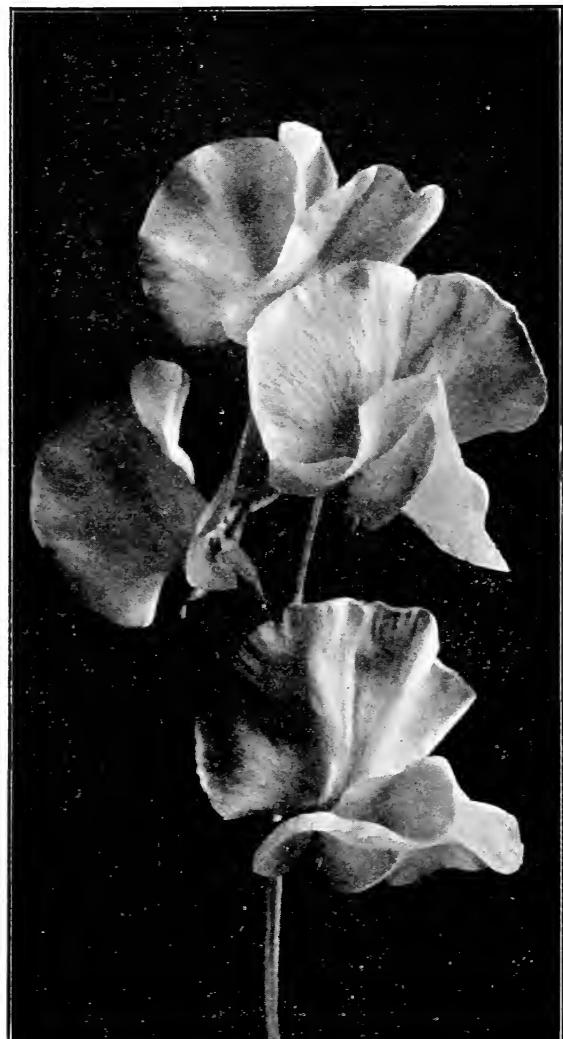
Pink Pearl. Clear pearly pink.

Royal Scot. Brilliant scarlet.

Splendour. Rich red maroon.

Price: Any of the above

Pkt. 10c., oz. 35c., 1/4 lb. \$1.00



EARLY IRENE

A. S. & L. Superb Spencer Mixed

Our own mixture of true Spencer types only. As fine a collection of Sweet Peas as can be purchased anywhere.

Pkt. 10c., oz. 20c., 1/4 lb. 60c.

SWEET PEAS — Continued

Early Flowering Spencer Sweet Peas

This new type is receiving great attention at the hands of the leading hybridizers, and already nearly all colors are represented. They are now very popular, and in great demand by commercial florists for forcing under glass for Winter and early Spring blooming, but are just as valuable for the amateur for outdoor culture coming into flower five or six weeks earlier than the regular Spencer type, and if the flowers are kept picked, continue to bloom over a period of nearly four months.

Early Bluebird. A very attractive shade of blue.

Early Glitters. The color may best be described as a glowing poppy scarlet.

Early Harmony. Clear Lavender. This Spencer should be included in every collection.

Early Irene. This is an early Lavender Florence Nightingale, a very fine bluish lavender.

Early Nightingale. A beautiful mauve lavender when young, but after standing in water a short time the flowers become a beautiful blue lavender. The vines are vigorous and flower profusely, usually four to each stem.

Early Snowflake. This is without doubt the finest White Sweet Pea that has been introduced. It produces flowers of the largest size on long stems.

Early Spring Maid. The finest early blush pink of robust growth, with long stems.

Early Torch. An orange scarlet that will not burn in sunlight. One of the best.

Early Yarrawa. Color bright rose-pink with lighter base.

Price: Any of the above, Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$1.75.

Grandiflora Sweet Peas

These have large handsome flowers, but the petals are not waved like the Spencer varieties. Earlier than the Spencers.

"A. S. & L." SPECIAL MIXTURE. This mixture is made up by ourselves from the best named Grandiflora and cannot fail to give satisfaction.

Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.10.

GRANDIFLORA MIXED SWEET PEAS IN SEPARATE SHADES

Lavender and Blue Shades.

Purple and Maroon Shades.

White and Primrose Shades.

Pink Shades.

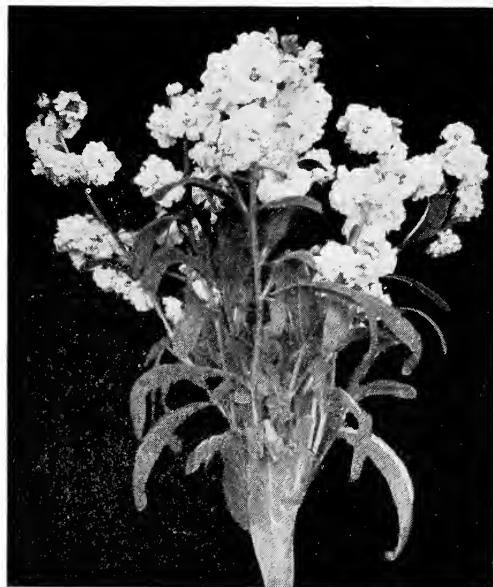
Red Shades.

Each of the above, oz. 10c., $\frac{1}{4}$ lb. 30c., 1 lb. \$1.00.

Collection, one oz. each of the five separate shades, 40c.

FREE DELIVERY

To any address in the United States on all Flower Seeds by the packet, ounce, half-pound, and pound.



TEN WEEKS BEAUTY STOCKS

STOCKS (Gilliflower)

Hardy annuals, 2 feet high, with spikes densely covered with beautiful double flowers of almost every desirable tint. Seeds may be sown in the open ground, hotbed or cold frame, but transplanting should be done when the plants are just out of the seed leaf. Make the soil deep and rich, and set the plants a foot apart.

LARGE-FLOWERING TEN WEEKS BEAUTY STOCKS

A magnificent race of recent introduction, with long trusses of extremely double flowers of delightful fragrance. For forcing in the greenhouse in Winter they are unexcelled. They are equally good when planted in the garden, coming into bloom in about 10 weeks and lasting until late in the season.

	Per Pkt.
Apple Blossom .....	.10
Canary Yellow, (Monte Carlo) .....	.10
Flesh Pink, (Beauty of Nice) .....	.10
Light Blue, (Cote d' Azure) .....	.10
Rosy Lilac, (Queen Alexandra) .....	.10
White, (Mont Blanc) .....	.10
Choice Mixed.....	$\frac{1}{8}$ oz. 75c. .10

IMPROVED CUT-AND-COME AGAIN

White (Princess Alice) .....	.10
Canary Yellow .....	.10
Blood Red .....	.10
Light Blue .....	.10
Apple Blossom .....	.10
Choice Mixture	$\frac{1}{8}$ oz. 75c. .10

	Per Pkt.
SALVIA. Sow seed early indoors or in a frame in time to get good plants to set out of doors the latter part of May. Bloom from July to frost. Set plants 1 foot apart. Half-hardy annual	
AMERICA. An improved variety of dwarf, compact growth; very early and produces large spikes of brilliant scarlet flowers. $\frac{1}{8}$ oz. 75c.	.15
Bonfire. Very compact, with long, erect spikes of brilliant scarlet flowers. 2 feet.	
.....	..... $\frac{1}{8}$ oz. 60c. .10
SWEET SULTAN. Large, sweet-scented flowers	
Finest Mixed	oz. 50c. .10
SUNFLOWER (Helianthus.) Hardy annuals, growing from 3 to 6 feet high. Of the easiest culture and suitable for a stately row or background. Plant in light or sandy soil.	
Californicus f. pl. Splendid variety, with magnificent heads of double orange flowers. Height 5 feet.....	Oz. 35c. .10
Miniature. Small, single rich yellow flowers, with black center. 4 feet.....	Oz. 35c. .10
Sutton's Red. Single large red flowers, shading to yellow at tips of petals. Height 6 feet.....	Oz. 35c. .10
Mammoth Russian. Large yellow. Oz. 10c.	
THUNBERGIA. (Black Eyed Susan.) Beautiful annual trailing plants for hanging basket and vases. Mixed colors. 4 feet.....	$\frac{1}{4}$ oz. 25c. .10
VERBENA. A well-known annual for beds, and borders. Seed sown in March will bloom in June and continue until frost. Plants raised from seed are more vigorous and produce more flowers than those grown from cuttings.	
"A., S. & L." Mammoth Mixed $\frac{1}{4}$ oz. 50c.	.10
WILD CUCUMBER (Echinocystis Lobata.) This is a useful climber where a rapid and vigorous growth of vine is desired. The vine is thickly covered with white, fragrant flowers. Hardy annual.....	$\frac{1}{2}$ oz. 25c. .10
WILD GARDEN FLOWER SEEDS. A mixture of easily grown varieties of Flower Seeds for Sowing broadcast, require very little care and produce a continual display of bloom throughout the season, and furnish an abundance of flowers for cutting. They are useful for sowing along fences and on unsightly bare spots of ground.....	Oz. 15c., $\frac{1}{4}$ lb. 50c. .05
ZEA JAPONICA (Striped Japanese Maize.)	
Very ornamental, variegated foliage.....	.10

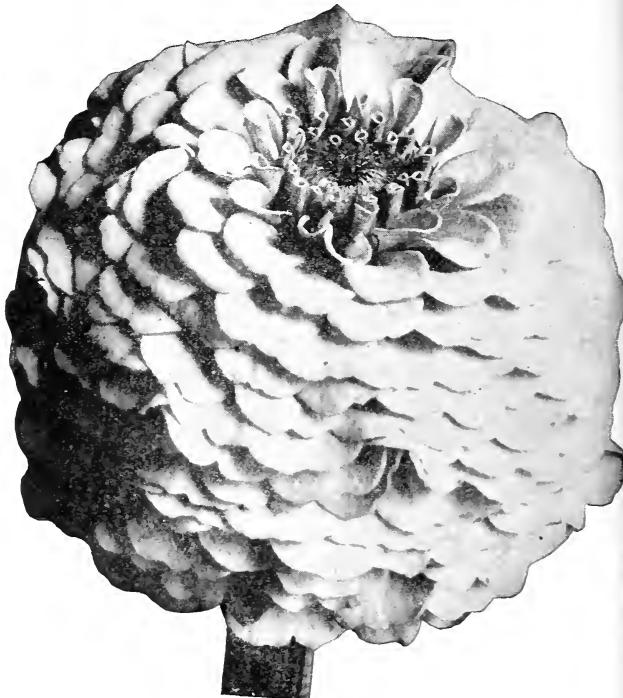
PREMIUMS—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For \$2.00 you may have 50 cents' worth extra, and for \$4.00 you may have \$1.00 worth extra. This Special Offer is for Flower Seeds in packets only.

ZINNIA

A hardy annual, growing from 1 to 2 feet high. One of the most brilliant and showy plants. They flower early in the summer and keep on blooming until frost.

Per Pkt.
"A., S. & L." Double Choice Mixed

..... $\frac{1}{4}$ oz. 40c. .10



GIANT DAHLIA FLOWERED ZINNIA

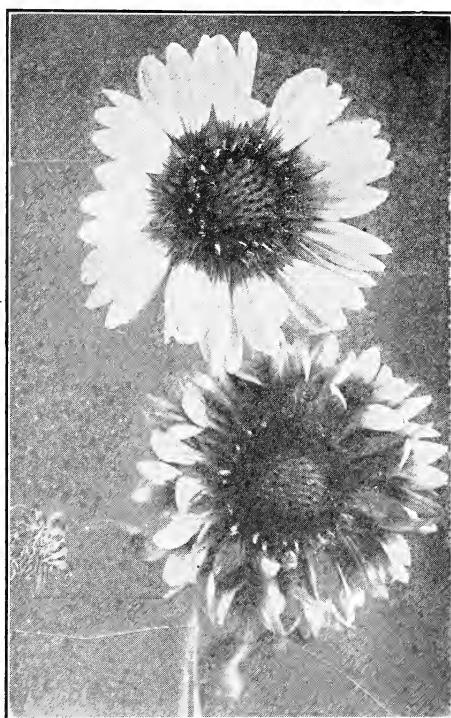
A wonderful improvement in Zinnias, the flowers being as large as Dahlias. The plants of this variety are very strong and rugged, growing to a height of about three feet.

Per Pkt.

Buttercup (New). A large deep creamy yellow.....	.20
Crimson Monarch. By far the largest and best of the red shades. Flowers often eight inches in diameter.....	.20
Dream. A fine deep lavender, turning to purple. A new, desirable shade in Zinnias.....	.20
Exquisite. Color light rose with center a deep rose. .....	.20
Golden State. A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom.....	.20
Oriole. Considered the most beautiful of its class. It is an immense orange and gold bicolor. .....	.20
Polar Bear. A very large pure white, the best white yet seen in Zinnias. True Dahlia form. .....	.20
Scarlet Flame. A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal. .....	.20
Special Mixture.	(3 pkts. for 50c.) .20

"Sterling Quality"

	Per Pkt.	Per Pkt.
ACONITUM (Monk's Hood.) Hardy perennial, with helmet-shaped flowers; growing in any good garden soil. Thrives best when planted among shrubbery or in shady situations. 4 feet.		
Nappellus. Large blue.....	.15	
ALYSSUM Saxatile Compactum (Basket of Gold.) Golden yellow flowers.....	1/4 oz. 50c.	.10
AMPELOPSIS VEITCHII (Boston Ivy.) The best hardy vine for covering brick or stone buildings, etc.; foliage turning to scarlet in the autumn. 1/2 oz. 25c.....	.10	
BELLIS PERENNIS (Double Daisy.) Sow the seed very early. The flowers are abundant in early spring and may be continued later by the use of water. Set about six inches apart in a cool border.		
Longfellow. Large, rose-colored flowers.....	1/8 oz. 50c.	.10
Snowball. Large, double pure white.....	1/8 oz. 50c.	.10
Finest Mixed.....	1/8 oz. 40c.	.10
Shasta Daisy. Fine, hardy perennial, producing large flowers which are very desirable for cutting. Height 2 feet.		
Alaska. Pure white.....	1/8 oz. 35c.	.10
CANTERBURY BELLS. Large bell-shaped flowers which are very effective. Succeeds best in light, rich soil. Transplant two feet apart. Height 2 to 4 feet.		
Single, Fine Mixed	1/8 oz. 25c.	.10
Double, Fine Mixed.....	1/8 oz. 25c.	.10
Cup and Saucer.		
Blue .....	.10	
Rose .....	.10	
White .....	.10	
Choice Mixed	1/8 oz. 60c.	.10
COLUMBINE. (Aquilegia.) Well known hardy perennials, bearing in great profusion, through May and June, exquisite flowers greatly varied in coloring; of easy culture, thriving best in dry soil and growing well in partial shade. 1 to 3 feet.		
Single, Mixed Colors.....	.10	
Double, Mixed Colors.....	.10	
DELPHINIUM (Hardy Larkspur.)		
Formosum. Deep blue, 3 feet.....	.10	
Double Hybrids, Finest Mixed. 3 feet.....	.10	
DIANTHUS (Hardy Garden Pinks.)		
Double Clove. A hardy perennial pink, very fragrant, choice colors.....	1/8 oz. 30c.	.10
Plumarius (Grass Pink, or Pheasant-eye Pink.) A single hardy Pink with fringed-edged, fragrant flowers, mixed colors.....	1/8 oz. 30c.	.10
FORGET-ME-NOT. (Myosotis.) Small star-like flowers borne in clusters. The plant is of easy culture and blooms the first year if seed is sown early. 4 to 9 inches.		
Indigo Blue. Large, dark blue flowers.....	1/8 oz. 25c.	.10
Victoria. Large flowers, bright azure blue; dwarf habit; fine for borders.....	1/8 oz. 35c.	.10
Fine Mixed.....	1/8 oz. 25c.	.10
FOXGLOVE (Digitalis.) The Foxgloves are highly ornamental plants. They are fine for the mixed border or planted singly in half-shady places near a walk or drive. The spikes of flowers are often two feet in length, containing scores of the pretty-spotted, thimble-shaped flowers. Perfectly hardy. Sow seed in spring in the garden and transplant as desired.		
Mixed varieties.....	1/4 oz. 25c.	.10
FRENCH HONEYSUCKLE (Hedysarum.) Very handsome, free-flowering plants; well adapted for borders or rock-work. 4 feet.		
Scarlet		
Album. White		
		
GAILLARDIA		
GAILLARDIA. Showy and hardy perennials, Flowering from July to October, 2 ft.		
Grandiflora Hybrida. Finest Mixed.....	.10	

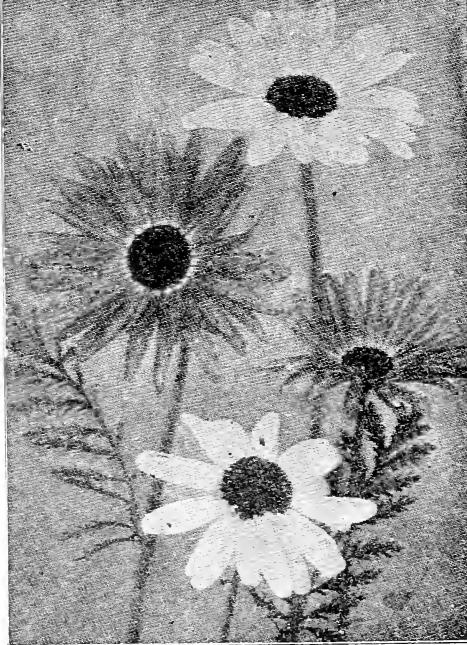


GAILLARDIA

GAILLARDIA. Showy and hardy perennials, Flowering from July to October, 2 ft.

Grandiflora Hybrida. Finest Mixed. 10

PERENNIAL FLOWER SEEDS—Continued

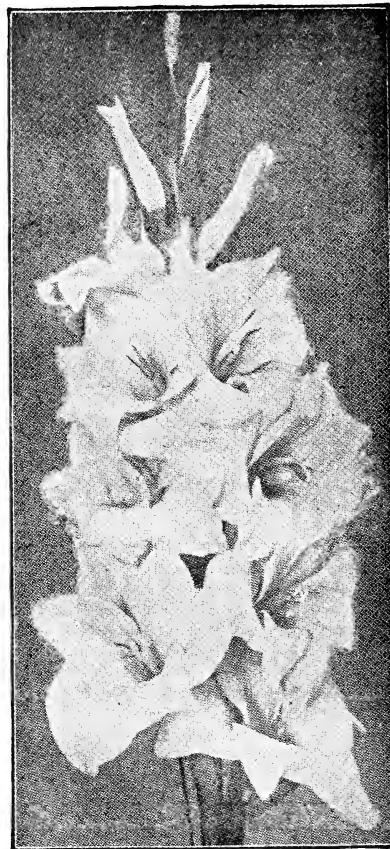
	Per Pkt.	Per Pkt.
GYPSOPHILA. (Baby's Breath.) Free-flowering, plants, succeeding in any garden soil. Fine for bouquets.		
Paniculata. White flowers .....	.10	
Paniculata. Double white .....	.20	
 HOLLYHOCK. Plants of upright, stately growth, 5 to 8 feet high. The double varieties are the most desirable. Very effective when planted in long rows with a background of shrubbery.		
Finest Mixed. Single..... $\frac{1}{2}$ oz. 25c. .10		
Chater's Double Red..... $\frac{1}{8}$ oz. 30c. .10		
Chater's Double Pink..... $\frac{1}{8}$ oz. 30c. .10		
Chater's Double Yellow..... $\frac{1}{8}$ oz. 30c. .10		
Chater's Double White..... $\frac{1}{8}$ oz. 30c. .10		
Chater's Double Maroon..... $\frac{1}{8}$ oz. 30c. .10		
Chater's Double Salmon..... $\frac{1}{8}$ oz. 30c. .10		
Chater's Double Mixed..... $\frac{1}{8}$ oz. 30c. .10		
 HONESTY (Satin Flower.) The flat, silvery seed pods are used for winter decoration. Very handsome, free-flowering. Hardy biennial. 2 feet .....	.10	
 IBERIS (Perennial Candytuft.) Semperfivrens. Pure white; excellent for cemeteries, rockeries, etc.; 1 foot.....	.15	
 KUDZU VINE or Jack-and-the-Bean Stalk. A fast growing hardy perennial vine, growing 8 to 10 feet the first year from seed. The foliage is large; it bears clusters of pea-shaped flowers..... $\frac{1}{4}$ oz. 25c. .10		
 LAVENDULA vera. (Sweet Lavender) grown chiefly for lasting fragrance of its flowers. $\frac{1}{4}$ oz. 25c. .10		
 LINUM (Flax) Perenne. Bright blue flowers, hardy. 2 ft. .10		
 LUPINUS (Lupin.) Beautiful hardy plants for borders, beds and for cutting, 3 ft.		
Polyphyllus Blue..... .10		
Polyphyllus Roseus. Pink..... .10		
Polyphyllus White..... .10		
Polyphyllus Mixed .....	.10	
 PHLOX (Decussata.) Hardy plants producing large heads of showy flowers, 3 ft.		
Mixed Colors .....	.10	
 POPPY (Papaver.) Orientale. One of the most striking and showy of the garden perennials; flowers large brilliant crimson with a black blotch on each petal..... $\frac{1}{8}$ oz. 25c. .10		
Iceland. Brilliant colors. Blooms first year from seed. $\frac{1}{8}$ oz. 25c. .10		
 POLYANTHUS (Primula Elatior.) Early spring free-flowering plants, fine for either pot or outdoor culture; 9 inches.		
Choice Mixed .....	.10	
 PYRETHRUM HYBRIDUM (Painted Daisy). Hardy perennial, bearing large Daisy-like flowers, ranging in color from white to deep red, with bright yellow centres. .... .10		
		
		PYRETHRUM HYBRIDUM (Painted Daisy)
 PHYSALIS (Chinese Lantern Plant). An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried for winter bouquets. .... .10		
 RUDBECKIA (Cone-Flower.) Robust-growing plants, very popular for border decoration. Newmanii. golden yellow with black center. .10		
 STATICE (Sea Lavender). Beautiful hardy perennial, free flowering and of easy culture in poor soils and dry situations; very showy in beds or borders, and remain a long time in bloom; when dried can be used in winter bouquets.		
Choice Mixed .....	.10	
 SWEET WILLIAM. An old-fashioned plant, producing large heads of beautifully colored, sweet-scented flowers. It is hardy and easily grown. 1½ feet.		
Holborn Glory. Large flowers of the most beautiful shades..... $\frac{1}{4}$ oz. 25c. .10		
Pink Beauty. Rose pink..... $\frac{1}{4}$ oz. 25c. .10		
Double Varieties. Mixed..... $\frac{1}{4}$ oz. 30c. .10		
Finest Single Mixed..... $\frac{1}{4}$ oz. 30c. .10		
 SWEET ROCKET. Very fragrant, growing freely in ordinary soils, 2 ft.		
Mixed. Purple and white..... .10		
 VIOLET. Fragrant, spring-blooming plants.		
The Czar. Large dark blue..... .10		

"A. S. & L." FIRST SIZE GLADIOLUS BULBS

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower. They will grow in any good garden soil. Plant 6 inches apart and 4 to 6 inches deep.

Six of a kind at dozen rates, 50 at 100 rates. Dozen and 100 prices Post Paid.

	Each	Doz.	Per 100
America. The color is a beautiful flesh pink; very large flowers.....	.05	.50	\$3.50
Baron Hulot. Rich, deep, indigo blue.....	.15	1.50	9.50
Chicago White. Pure White with lavender markings in throat. Very early.....	.10	1.00	5.50
Crimson Glow. A perfect scarlet of a deep tone, flowers of immense size.....	.20	2.00	11.50
Empress of India. Deep velvety maroon.....	.15	1.50	8.50
Evelyn Kirtland. Dark rosy pink shading to shell pink on edges, brilliant scarlet blotch.....	.15	1.50	8.50
Gretchen Zang. Soft shade of pink, blending into scarlet, blossoms large.....	.15	1.50	7.50
Golden West. Brilliant orange with golden yellow blotches on lower petals.....	.10	1.00	6.00
Halley. Delicate salmon pink, very early.....	.10	1.00	4.25
Herada. Blooms of large size, color is pure mauve, on tall straight spikes.....	.15	1.50	9.50
Le Marechal Foch. Beautiful shade of light pink, very large flowers, early.....	.10	1.00	6.00
Mrs. Francis King. Beautiful vermillion scarlet.....	.05	.50	3.00
Mrs. Frank Pendleton, Jr. Bright salmon-pink, very large flowers...	.10	1.00	6.00
Mrs. Watt. Deep brilliant wine color.....	.10	1.00	7.00
Wilbrink. Lovely flesh-pink with creamy blotch on lower petals, very beautiful.....	.10	1.00	6.00



	Each	Doz.	Per 100
Panama. A deeper pink than America, long strong spike with large open flower.....	.10	1.00	5.50
Prince of Wales. Light salmon with orange shade, very early.....	.10	1.00	7.50
Schwaben. Clear sulphur-yellow with small brown spot in the throat.....	.10	1.00	6.00
War. A magnificent variety of rich ox-blood red, shaded with darkest crimson.....	.15	1.50	8.50
"A. S. & L." Mixture. First size bulbs.....	.50	3.00	

DAHLIAS

Each year our business is increasing in Dahlia Bulbs as their beauty becomes more generally recognized. The varieties we offer include the best of the Standard kinds, as well as the new introductions. Bulbs ready about the middle of May.

PLANT DEPARTMENT

PLANTS BY EXPRESS. We use great care in the packing of plants to be sent by express, but cannot be responsible for delays or conditions when received by the purchaser. No plants sent C. O. D. Shipped by express only, except where noted.

Vegetable Plants

ASPARAGUS ROOTS

We offer strong two year old Roots grown from selected seed in the following varieties. (See description of seed.)

Conover's Colossal, 100 roots, \$1.50, post paid \$1.75.

Palmetto, 100 roots \$1.50, post paid \$1.75.

Washington, 100 roots, \$2.00, post paid \$2.25.

Special quotations by the thousand.

CELERY PLANTS

	100	1000
Golden Self-Blanching (Early).....	\$1.00	\$7.50
Boston Market (Late).....	1.00	7.50

PEPPER

	doz.	100
Large Bell	\$0.25	\$1.50
Pimento .....	.25	1.50

Rhubarb Roots. Each, 15c.... 1.50 10.00

CABBAGE PLANTS

Doz. 100

Early Variety

Copenhagen Market \$0.25 \$1.00

Late Variety

Danish Ball Head15 .50

TOMATO PLANTS

We have been especially successful the past years with our Box Grown tomato plants. Our grower has always given us sturdy, hardy plants and we have taken particular pride in offering them to our customers.

Varieties

John Baer, Earliana, Ponderosa, Early Detroit, Abbott's Early Red, Dwarf Stone, Bonny Best, Yellow Plum.....	.50	doz.
--	-----	------

CAULIFLOWER PLANTS

Snowball (Early Variety)	\$0.25	\$1.50
Danish Giant (Late Variety) .....	.25	1.50



CHINESE CINNAMON VINES

(*Dioscorea Batatas*)

CINNAMON VINES are the most desirable, easiest grown climbers. They are perfectly hardy, thriving on all soils, in sun or shade. They will run thirty feet or more, and will quickly surround your windows and cover your porches, walks, etc., with a mass of vines covered with pretty, heart-shaped leaves and a profusion of delicate, sweet scented flowers, which perfume the air for a long distance. 10c. each, \$1.00 per doz., \$6.00 per 100 postpaid.

DUTCH BULBS FOR FALL PLANTING

We import direct from our grower in Holland.

Our special Bulb Catalogue of Tulips, Hyacinths, Crocus, Lilies, etc., we issue September 1st. This catalogue we gladly mail to those interested. Send full name and address that we may send you a copy.

Special prices quoted on large orders to be packed separately at the grower's and shipped with our general consignment. These orders must be in our hands by July 1st.

DAIRY SUPPLY DEPARTMENT

ALL THE REQUIREMENTS OF A MODERN DAIRY

LOUDEN BARN EQUIPMENT

(See page 42)

If you are thinking of building a new tie up or renovating the old one let us furnish you with plans and specifications of a Louden tie up.

SHARPLES MILKERS AND SEPARATORS BOILERS, BOTTLE WASHERS STERILIZERS, ETC., ETC.

Let us know your requirements, we will give them prompt attention!

For Dairies, Creameries, Etc.



For cleaning vats, pasteurizers, strainers, cans, pipes, separators, and other articles in your plant that have become gummy or tainted with stale odors by the use of soap, soap powder, or some similar washing compound, there is nothing that accomplishes this task so easily, and at such little expense as Wyandotte Dairyman's Cleaner and Cleanser. A daily washing of the dairy or factory equipment will keep everything sweet and clean!

Hotels and Restaurants

Wyandotte Sanitary Cleaner and Cleanser when used for dish washing not only makes the dishes cleaner and brighter than is possible where soap is used, but it also makes the work easier. The same is true in the home.

Drain pipes, sinks, refrigerators, etc., are always kept free and open when Wyandotte Sanitary Cleaner and Cleanser is used.

Barrels (bulk)	280 lbs.	PRICES ON APPLICATION
Kegs "	80 lbs.	
Barrels (50-5 lb. sacks)		
5 lb. sack		

Wyandotte Detergent

can be used to advantage in cases where a combined abrasive and cleaner are needed

Wyandotte Detergent is quite different in its nature from the "Wyandotte" Dairy or Sanitary Cleaner. It contains a fine, flaky grit which makes it an abrasive and scourer. It also has the freshening and sweetening properties of the other "Wyandotte" products.

For cleaning marble, tile, painted walls, and other similar surfaces, Wyandotte Detergent is unsurpassed. It scours clean, but does not scratch, mar or dull.

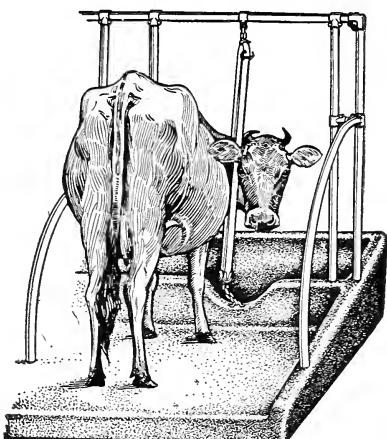
Rusty ice cream cans are easily scoured clean with Wyandotte Detergent, and although Wyandotte Detergent is not a metal polisher, for cleaning corroded iron and brass pipes, railings, dirty sinks, urinals, cuspidors and the like it has no equal.



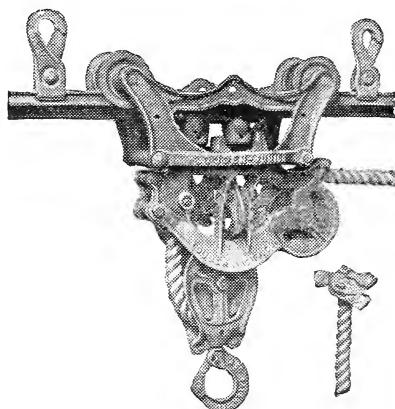
Barrels (bulk)	250 lbs.	PRICES ON APPLICATION
"	(50-5 lb. sacks)	
Kegs	(75 lbs.)	
5 lb. sacks		

LOUDEN LABOR SAVING BARN EQUIPMENT

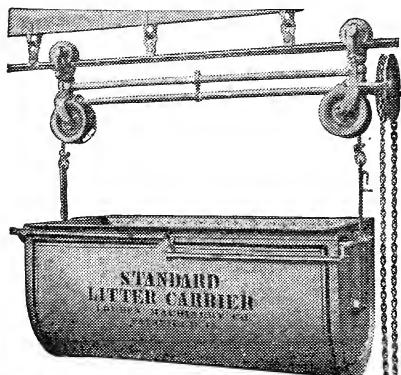
BEST FOR THE FARMER—BEST FOR THE HERD



The Louden Steel Stall gives the cow the same comfort and freedom of movement she would have in the field.



For fifty years Louden Hay Tools have been the world's standard for strength, simplicity and efficiency.



Your time is too valuable to be spent pushing a wheelbarrow. A Louden Overhead Litter Carrier solves the problem.

If in doubt let us show you barns we have Loudenized.

We can fit up your barn complete with Louden Modern Sanitary Barn Equipment.

Louden equipment makes possible a clean, sanitary barn with a minimum of expense for upkeep.

When cows are transferred from dark insanitary shelters to light, well ventilated, well equipped barns of the Louden type the milk flow invariably increases from 10 to 25 per cent, and the labor of caring for the herd is reduced by one-third or one-half.

The cost of installing Louden equipment is surprisingly small, and it is just as great an economy for the man with half a dozen head of cows as for the man who has to care for hundreds of animals. The percentage of labor saved is the same, and in either case it is 100 per cent profitable.

We are prepared to quote you attractive price on everything for your barn. The items illustrated are only a few products of the largest and most complete line of barn equipment made. Some of these products we carry in stock; others we can secure for you promptly.

Going to Build or Remodel a Barn?

If so we shall be glad to secure for you, free of cost to yourself, a copy of Louden's \$1.00 book of barn plans. It's the most valuable collection of practical plans and dollar-saving building information ever published. Contains more than 50 plans, with complete description and estimated cost of construction.

It is yours for the asking.

See us or write us in regard to your barn problems. We shall be glad to assist you, and to quote you lowest prices on your complete equipment.

The Louden Tubular Steel Stanchion is the strongest, most comfortable cow tie made.

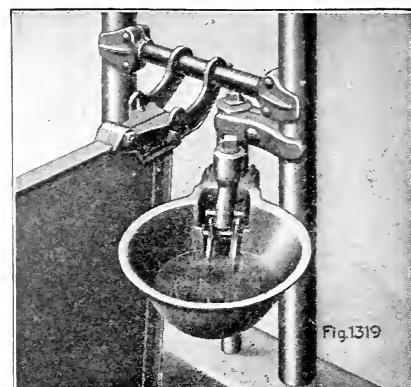
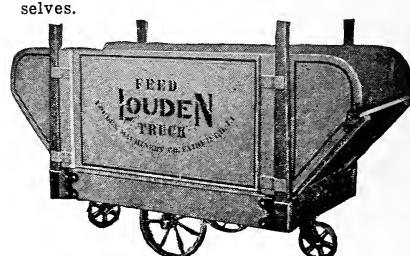


Fig. 1319
Louden Detachable Water Bowls save time and labor. The cows water themselves.

THE LOUDEN LINE INCLUDES

- Everything for the barn.
- Hay Tools
- Stalls and Stanchions
- Steel Pens
- Litter Carriers
- Feed Carriers
- Feed Trucks
- Door Hangers
- Cupolas and Ventilators
- Water Bowls



The time and feed you waste in a year would pay for a Louden Feed Truck.

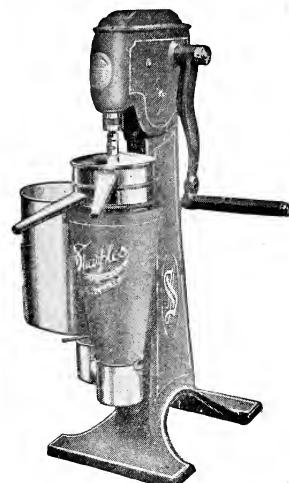
SHARPLES CREAM SEPARATORS

The New Sharples Suction-feed Separator saves 50% in cost of operation, in labor of cleaning, in oil and in repairs and it saves **ALL** the cream. The New Sharples requires no speed indicators. It skims clean and produces cream of uniform density at any speed. 28 new features never before used in cream separator construction are represented in the New Sharples Suction-feed Tubular. It is absolutely automatic in its feeding, skimming and separating functions and, even in the hands of a beginner, it cannot lose butterfat or produce uneven cream.

Handsome New Catalogue Sent Free On Request

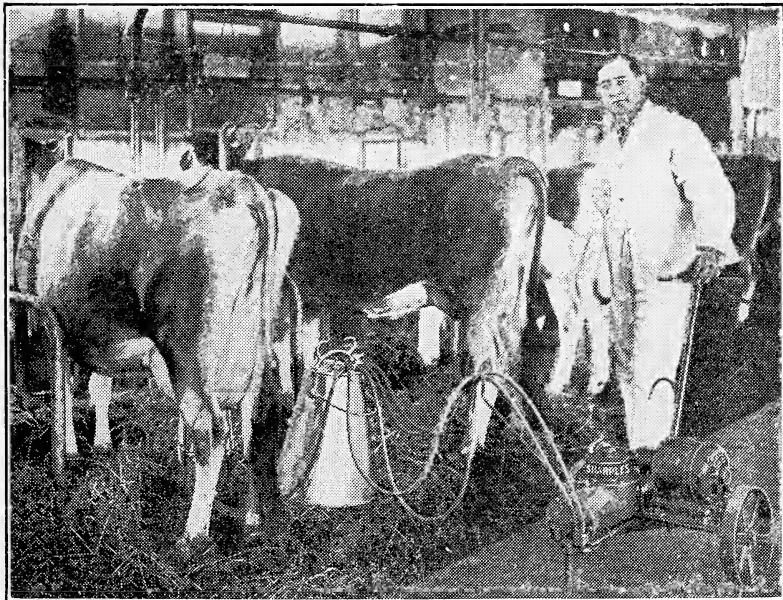
The Sharples Suction-Feed is the Only Separator That Skims Clean at Any Speed

THE NEW
SHARPLES



SUCTION-FEED
TUBULAR
CREAM SEPARATOR

SHARPLES MECHANICAL MILKERS



Electric Moto-Milker for Small Herds

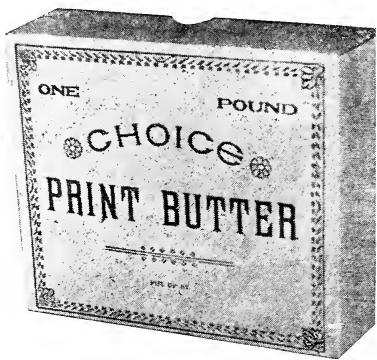
A milker for any size herd.

The Sharples Moto-Milker comes complete with its own engine (or electric motor) on wheels, ready to milk when unboxed. Enables one man alone to milk 9 cows in 30 minutes, or 18 cows in an hour or 36 cows in 2 hours. Runs smoothly and quietly—much like an automobile engine. Exhaust taken care of, also insurance. A simple, perfect machine that will give satisfaction year after year. It has the original, time-tried basic invention of the teat cup with the compressed air squeeze (patented.) Sold on reasonable terms.

A Sharples is the economical way to milk every herd, regardless of size.

We are agents for "Sharples" in this vicinity.

FOLDING PARAFFINED BUTTER BOXES



1 Pound Size (2 Pieces), Price \$ 1.50 per 100.
 " " " 12.50 per 1000.

PARCHMENT BUTTER PAPER

For wrapping and covering butter, for layers and caps on top of tubs, jars, tumblers, etc.

Prices	Box of	1000
lb.	Sheets	
7 x 9 Plain	\$0.35	\$1.50
9 x 12 "	.35	2.25
7 x 9 Printed	.40	1.75
9 x 12 "	.40	2.50

Prices do not include postage.



BUTTER COLOR

Dandelion Brand helps you to get top prices.

Purely Vegetable.

Always gives satisfaction

Small size, 4 oz., 35c.

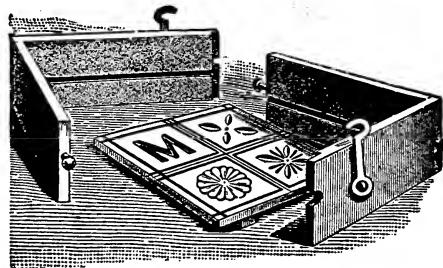
Medium size, 10 oz., 65c.

Large size, 24 oz., \$1.00.

SEND TO US FOR

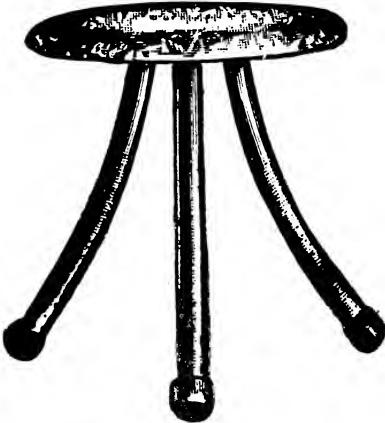
Each	Each
Butter Ladles, \$0.25	.25
Butter Spades, .15	
Milk Pipettes, .40	.40

BLANCHARD BUTTER MOULDS



Prices	parcel post
½ Pound, (2— $\frac{1}{4}$ lb.) Prints,	\$0.75
1 Pound, (4— $\frac{1}{4}$ lb.) Prints,	.85
2 Pound, (8— $\frac{1}{4}$ lb.) Prints,	1.15
Initial Engraved, 25 cents extra for each cake.	

CHESTER MILKING STOOL

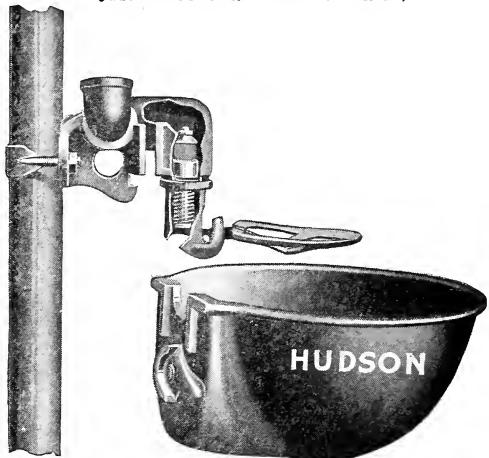


The Chester All Metal Milking Stool is sanitary. The legs and top are steel. The casting that holds the legs is malleable iron, consequently it is practically indestructible. Your stable is incomplete without them.

Price, \$2.00 each

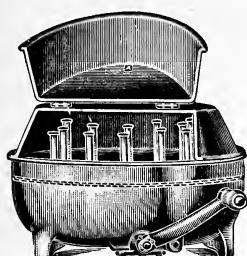
HUDSON WATER BOWL

(Quick Detachable—Automatic)



THE HUDSON Q-D WATER BOWL
 Price, \$3.40 each

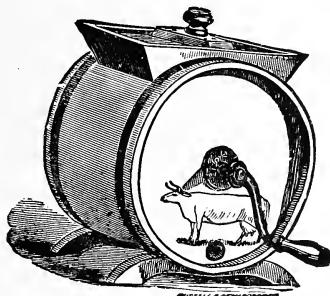
THE "FACILE" IMPROVED BABCOCK MILK TESTER



The "FACILE" Hand Tester is very compact, and is the most favored apparatus, in small compass, for testing milk. Price includes a full set of glass ware, comprising test bottles, pipette, acid measure; also bottle brush and bottle of test acid:

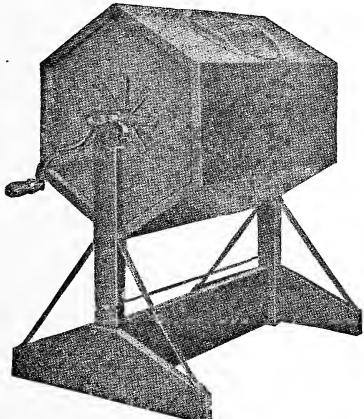
2-Bottle Machine	\$7.00
4-Bottle Machine	8.00
6-Bottle Machine	17.00
8-Bottle Machine	18.00

CYLINDER CHURNS



No. 1	3 Gallon Capacity,	\$3.75
No. 2	4 Gallon Capacity	4.50
No. 3	7 Gallon Capacity,	5.00
No. 4	10 Gallon Capacity,	5.75

THE FENNER SIX-SIDED REVOLVING CHURN



IT is the most practical, efficient, and economical churn on the market.

IT CHURNS, WASHES, SALTS, and WORKS the butter in the churn.

IT does not break the walls of the butter-fat globules.

IT is a time and labor saver.

IT takes very little power to operate.

IT is very easily cleaned because of its simplicity of construction.

IT is so built that it cannot dry out and fall to pieces.

IT is especially adapted to warm climates.

IT will last many years if properly cared for.

"Try it. You will use no other."

Send for Catalog and prices!

CHAMPION MILK COOLER AND AERATOR



Milk cooled as soon as milked makes more and better butter and cheese. Not only cools the milk, but completely aerates it, removing all offensive flavors.

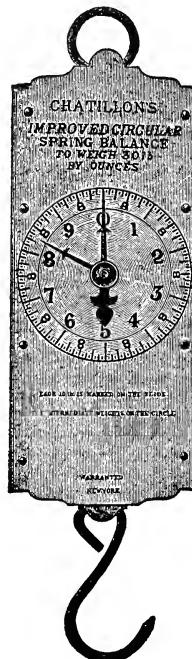
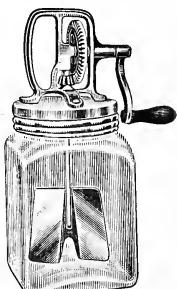
Capacity of Milk Receiver	Size of Dairy	Takes Care of	Price
No. 2 18 Quarts	10 to 25 Cows	3 Milkers	\$10.00
No. 3 34 Quarts	25 to 50 Cows	5 Milkers	12.00

THE LIGHTNING BUTTER MACHINE

Makes two pounds of milk-charged butter from one pound of butter and a pint of milk.

It is unsurpassed as a general household article for making salad dressing, whipping cream, mixing light batters, and other uses which will become apparent to every housewife.

Price, each
2 qt. \$2.00; 3 qt. \$2.50 4 qt. \$3.00.



MILK SCALES

Chatillon Improved Circular Spring Balance Milk Scale. To weigh 60 lbs. sub-divided into tenths. Price \$7.25



DAIRY THERMOMETERS

Floating Dairy. Postpaid, \$1.00.

No. 952 Floating Dairy. Postpaid 50c.

Churning Dairy. Postpaid, \$1.00.

Dairy Flange. Postpaid, 75c.

We Specialize in Supplies for the Milk Dealer



MILK BOTTLES

In any quantity. Plain or marked.

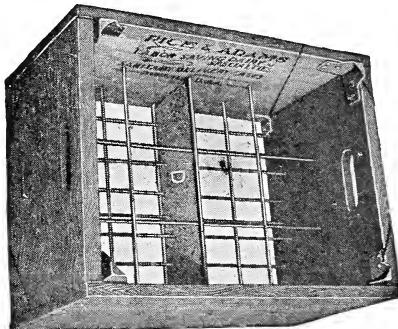
Write us for quotations.

STATE AGENTS
for
"SEALRIGHT" BOTTLE CAPS
SEALRIGHT ORDINARY OR COMMON
MILK BOTTLE CAPS



Sealright Ordinary or Common Milk Bottle Caps can be the biggest little things in your business! Because they win customers, keep them, build good will, and through their inherent ability to give better service, build added business.

Bottle Cases



RICE AND ADAMS

Five years service is not unusual with R & A Cases—they're made to last; and to the dairy owner who inwardly groans when his men slam the cases around, the ruggedness of R & A Cases is even more important than their unmistakably fair price. Ninety-nine per cent of the lumber used in R & A Cases is OAK. The balance is Maple or Beech.

MANNING CASES

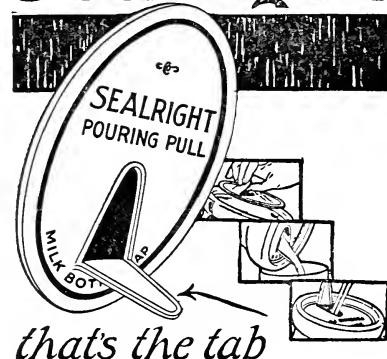
For economy and service, buy Manning Bottle Cases. Beech, birch, and maple, the choicest of hard wood, is the only wood used in Manning Bottle Cases.

All cases are nailed through a galvanized iron cleat with cement coated nails. They hold solid. Every partition is hand riveted to both sides of the cases. All wires are riveted with a giant riveter and the bars counter sunk.

Prices in any quantity quoted on application.

SEALRIGHT POURING-PULL MILK BOTTLE CAPS

Sealright



that's the tab

The Sealright Pouring-Pull Milk Bottle Cap represents a marked step forward in the capping of bottled milk. This cap has all the advantages of the ordinary or common sense cap, in addition to which it possesses the following distinctive features which have made it nationally known as "3 times more useful:"

- 1—It can be removed cleanly just by pulling the tab.
- 2—The tab can be lifted without removing the cap and the milk poured without spilling or exposure.
- 3—The tab can be lifted and a straw inserted for drinking milk in schools, restaurants and at home.

Let us quote you by the thousand, by the carton, by the box, the bbl. or by the million on Sealright caps.

DAIRY BRUSHES



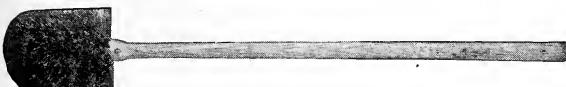
No. 86 and No. 73



No. 82



No. 33 and No. 35



No. 89 and No. 412



No. 47

Write for our prices on Brushes.

No. 86. Hand Bottle Brush. Pure Bristle, small size, handle $\frac{1}{2}$ inch diameter, 10 inches long.

No. 73. Hand Bottle Brush. Pure Bristle, large size, handle $\frac{1}{2}$ inch diameter, 10 inches long.

No. 82. Hand Bottle Brush. Extra Stiff Grey Hair, brush part 3 inches diameter, handle $\frac{5}{8}$ inch diameter, 10 inches long.

No. 33. Sharples Bowl Brush. Palmetto Fibre, brush part 2 inches diameter, 3 inches long, length over all 18 inches.

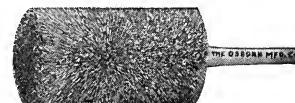
No. 35. Sharples Bowl Brush. Palmetto Fibre, brush part $2\frac{1}{2}$ inches diameter, 4 inches long, length over all 24 inches.

No. 89. Hand Can Brush. Grey Tampico, brush part 5 inches diameter, 5 inches long, length of handle 24 inches, length over all 29 inches.

No. 412. Same as 89. Brush Palmetto Fibre.



No. 61



No. 123



No. 6



No. 104



No. 416

No. 47. Bowl Brush. Black Tampico, brush part $3\frac{1}{4}$ inches diameter, $5\frac{1}{2}$ inches long, length over all $13\frac{1}{2}$ inches.

No. 61. Hand Bottle Brush. Black China Bristle, brush part $3\frac{1}{4}$ inches wide, $2\frac{1}{4}$ inches thick, handle 10 inches long.

No. 123. Machine Bottle Brush. Paint Stump Bristle brush part 3 inches diameter, handle 5 inches long, tapered to $\frac{1}{2}$ inch diameter at end.

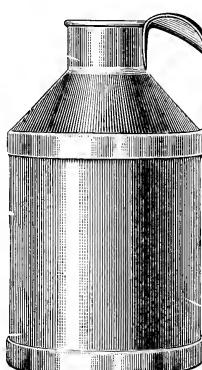
No. 6. Sharples Feed Tube Brush. Grey Russia Bristle, brush part $\frac{5}{8}$ inch diameter, 2 inches long.

No. 104. Separator Tube Brush. Black China Bristle, brush part $\frac{1}{4}$ inch diameter, 2 inches long, length over all $6\frac{1}{4}$ inches.

No. 416. Can Brush. Stiff Palmetto Fibre, brush part 5 inches wide, 4 inches long, length over all 10 inches.

MILK BOTTLE CARRIERS

4	Bottle (Quarts)	round wire	\$1.00
6	"	"	1.25
8	"	"	1.50
6	"	flat wire	1.50
8	"	"	2.00



MILK CANS

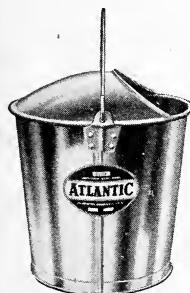
We can quote satisfactory prices on any style in any quantity.

**Cream Pails**

Ventilated Covers, retinned
20-qt., Price, \$2.25

**Atlantic Strainer
Dairy Pail****Price**

12 quart \$1.75
14 quart \$2.00

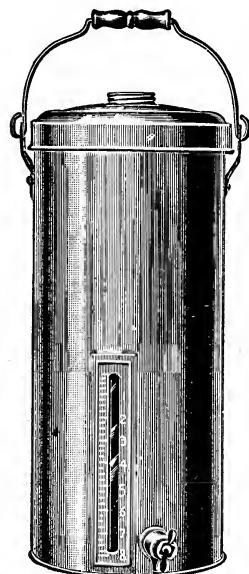
**Atlantic
"SANITARY"
Dairy Pail**

Soldered Inside and
Outside

12 Quart, Price, \$2.25
14 Quart, Price, \$2.50

**Dairy and Water Pail**

10 Quart, Price, \$0.90
12 Quart, Price, \$1.00



No. 430 Cream Pail
20 quart, Price, \$3.25

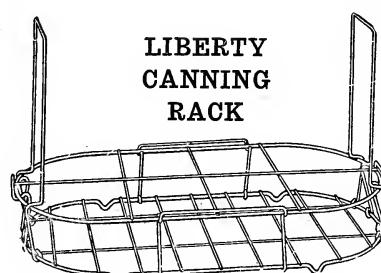
**ATLANTIC EXTRA HEAVY RETINNED
SEAMLESS MILK STRAINER**

(Removable Strainers)



Fitted with Spring Lock, one 14-Gauge Aluminum Disc, $\frac{1}{8}$ " perforations. One Brass Strainer Cloth Disc, 80-Mesh.

No. 1010—12-qt. 4X \$2.00 each

**LIBERTY
CANNING
RACK**

The Liberty Canning Rack fits a No. 8 boiler, which is the smallest boiler ordinarily used, and will be found a great help in putting the jars in and taking them out of the boiler. The partitioned top prevents the jars from striking together, and eliminates the danger of breaking.

Price, 50c.

POULTRY DEPARTMENT

Everything for the Modern Hen House



GRANDIN'S POULTRY FEEDS

Be sure to get the Red Flag Brand of Feeds.

Look for the Red Flag on the Bag, the trade mark of Grandin's Quality Feeds. Best by all tests!

GRANDIN'S CHICK FEED—Nothing but the best grains used in this mixture for early and strong growth of the chickens.

GRANDIN'S SCRATCH FEED—Nothing offered the consumer excels Grandin's Scratch Feed. The Best of everything in its mixture is used in the right proportion. Accept no other.

GRANDIN'S GROWING FEED—Begin to use Grandin's Growing Feed when chicks are two weeks old, and continue till full grown. Keep it before them all the time for best results.

CONKEY'S BUTTERMILK STARTING FOOD

FEED THIS FOR EIGHT WEEKS
RAISE EVERY CHICK YOU HATCH

A Ready Prepared Mash for baby chicks and all self-feeding young fowls. This remarkable feed—originated by Conkey and prepared through processes controlled and used exclusively by Conkey is a complete ration—containing all the elements needed for safely starting baby chicks, ducklings, goslings, poult, guineas, pheasants, etc.

This superior chick mash was the *first* commercial poultry feed containing buttermilk—that is why we call it the only ORIGINAL buttermilk starting feed.

ORDER ONE POUND AND A HALF FOR EACH CHICK



Write for quotations for following Poultry Supplies

Oyster Shells

Poultry Bone

Sunflower Seed

Poultry Grit (Coarse)

Meat Scraps

Tobacco Dust (in bulk)

Chicken Grit (Fine)

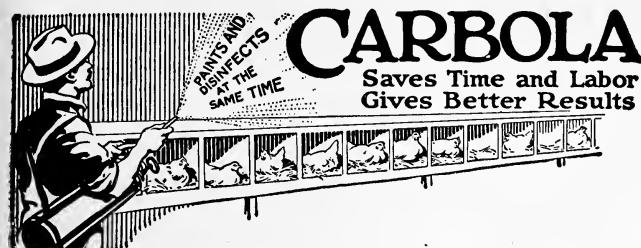
Hemp

Powdered Tobacco (in packages)

Charcoal (Poultry and Chick)

Millet

Bone Meal



Carbola comes in powder form packed in convenient sized packages and is ready to use just as soon as it is mixed with cold or hot water.

10 lbs. (10 gals.) \$1.25, 50 lbs. (50 gals.) \$5.00. All F. O. B. Portland.

One pound paints and disinfects 250 square feet.

SEMI-SOLID BUTTERMILK for POULTRY, SWINE AND CALVES

BUTTERMILK FOR POULTRY means healthier and stronger chicks, quicker growth, less mortality, cheaper growth, better pullets, stronger breeding stock, better hatches, more eggs.

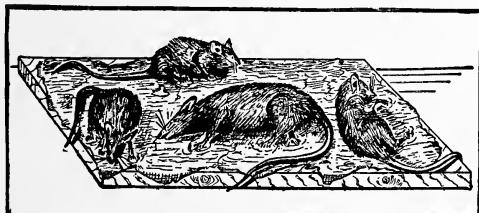
SEMI-SOLID BUTTERMILK VIGOR
IN STOCK
INSURES VITALITY
IN BREEDING
TAMINES
IN RATION



Special pamphlets and prices on request.

"HOLDZEM"

REGISTERED TRADE MARK



A paste to put on boards or runways in path of rats.
Holds them fast.

½ lb. can, \$1.00; 1 lb., \$1.75; 2 lbs., \$3.25.

Add 6c. for postage on ½ lb. and lb. sizes and 8c. for 2 lb. cans.

Carbola is a combined disinfectant and paint, or whitewash, that has gained the unqualified endorsement of thousands of poultrymen and farmers.

RAT CORN



Kill Your Rats, Mice, Gophers
and Ground Squirrels

They simply dry up.

Rat Corn is harmless to human beings and live stock.

One pair of rats will produce 900,000,000 rats in five years.

The United States Government states in food alone, rats, mice, gophers, etc., destroy \$200,000,000 every year.

Small Can, 25c. Medium Can, 50c. Large Can, \$1.00.
Price Includes Postage



Rats, Mice, Gophers and all Rodents Effectively
and Scientifically Destroyed

Price 75c bottle postpaid.



VICTOR RAT TRAPS

15c. each, \$1.50 per
doz. postpaid.

VICTOR MOUSE TRAP

Price 35c. doz. postpaid



THE SUCCESSFUL POULTRYMAN "FIGHTS" THE RATS.

DR. HESS

POULTRY AND STOCK PREPARATIONS

Prescriptions by Dr. Hess, M. D., D. V. S.

Dr. Hess Poultry Pan-a-ce-a



Makes poultry healthy; makes hens lay; not a stimulant, but a tonic that tones up the dormant egg Organs, brings back the scratch and cackle and compels each hen to put her share of eggs in the market basket.

It also contains internal antiseptics that counteract disease; insures a healthy, singing poultry flock. Costs but a trifle—a penny's worth enough for thirty hens per day.

1½ lbs. 25c.; 5 lbs. 75c.; 12 lbs. \$1.50;
25 lb. pail \$3.00



Dr. Hess White Diarrhea Remedy

For the prevention and treatment of White Diarrhea in chicks.

Packages, 25c., postpaid 30c.; 50c size, postpaid 55c.

Dr. Hess Roup Remedy

For the treatment and prevention of Roup, Diphtheria and all catarrhal diseases of fowls

Price, 4 oz. 25c., 10 oz. 50c.

Dr. Hess Dip and Disinfectant

Non-poisonous and non-irritating, and guaranteed to be absolutely uniform in strength at all times. One gallon of Dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Spray it on cattle and horses. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease germ destroyer. Purifies stables, troughs, sinks, drains.



Pt. 50c., Qt. 75c., 2 Qts. \$1.25, Gal. \$2.00

Dr. Hess Instant Louse Killer

Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash and melon vines; cabbage worm, slugs on rose bushes, etc. Sold in sifting-top cans. Look for the word "Instant" before buying.



PRICE, 1 lb. 25c., 2½ lbs 50c.

Dr. Hess Stock Tonic

Formula printed on every package

Every ingredient indorsed by the U. S. Dispensatory and other high medical authorities. It aids digestion, makes stock healthy, and expels worms. Helps stock convert more ration into milk, flesh, blood and muscle. Every pound backed by the Dr. Hess & Clark unqualified guarantee.



2 lbs. 25c.; 4½ lbs. 50c.; 10 lbs. \$1.00
25 lb. pail \$2.25; 100 lb. drum \$8.00

Dr. Hess Healing Powder

The modern gall cure. Cures galls, cuts, wounds, ulcers, grease heel. Antiseptic and soothing. Heals everything it touches by forming a coating, cleaning and closing up wounds.



Comes in sifting-top cans.

PRICE, 4 oz. 25c.; 10 oz. 50c.

Dr. Hess Heave Powder

A dependable preparation for relieving horses of heaves, chronic coughs, asthma, bronchitis, etc.; with careful diet, the frequent use of this valuable preparation will afford permanent relief in the majority of cases.

PRICE, 1½ lb. package 50c.



Dr. Hess Worm Powder

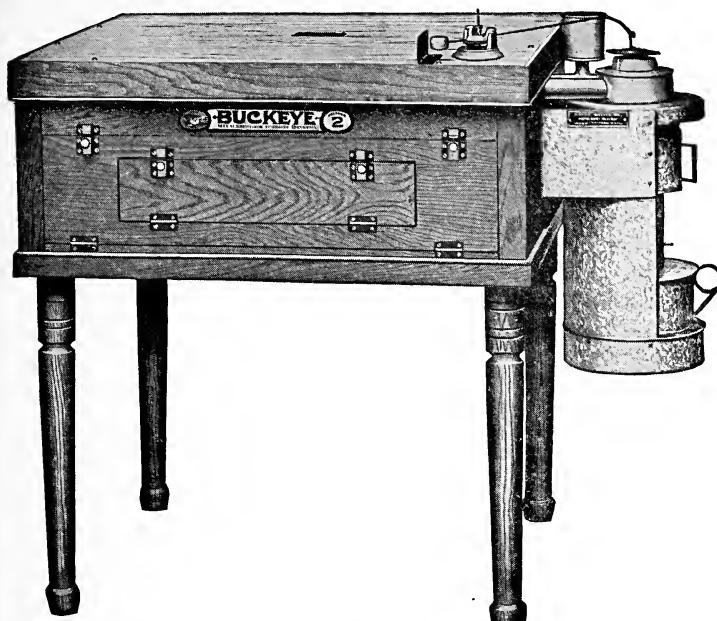
For horses, sheep, cattle and hogs. It is highly concentrated and is an effective vermifuge. Dr. Hess' own prescription that proved effective in his practice.



PRICE, 1½ lbs. 50c.

THE ABOVE PREPARATIONS SOLD ON A GUARANTEE OF YOUR MONEY BACK IF NOT SATISFIED. PRICES DO NOT INCLUDE POSTAGE

BUCKEYE INCUBATORS



No. 2 (STANDARD)

The "Standard" Hot Water Hatching Device

Every Buckeye "Standard" Incubator bears the Underwriters' Label of Approval.

During the past 25 years over five hundred thousand Buckeye incubators have been sold.

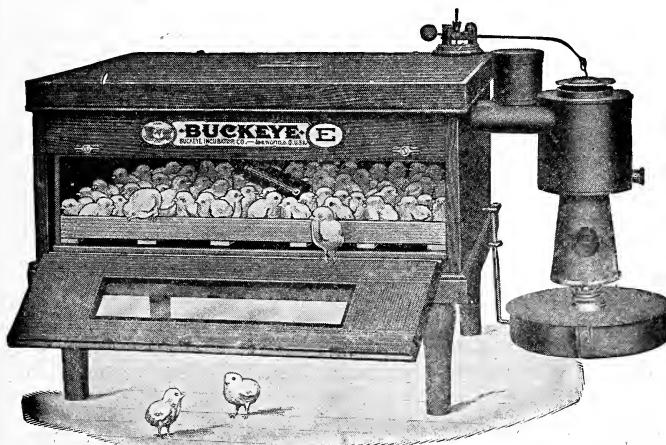
Buckeye incubators are equipped with every desirable device that can possibly add to incubator efficiency and they are sold with an absolute guarantee to hatch a chick from every hatchable egg.

Buckeye incubators are so simple that the beginner can operate them just as successfully as the experienced poultryman—that's why they are so uniformly satisfactory.

... PRICES ...

No. 1, Standard, Capacity 120 Eggs, \$37.50
 No. 2, Standard, Capacity 175 Eggs, 44.50
 No. 3, Standard, Capacity 250 Eggs, 57.75

No. 4, Standard, Capacity 350 Eggs, 68.00
 No. 5, Standard, Capacity 600 Eggs, 107.00



No. 14 (Style E)

BUCKEYE STYLE E

A Remarkable Incubator
At a Remarkable Price

With All the Desirable Buckeye Features.

No. 14, Capacity 65 Eggs,	\$16.50
No. 16, Capacity 120 Eggs,	27.50
No. 17, Capacity 210 Eggs,	36.75

Ask Us For Illustrated Catalogue of Buckeye Incubators.

Newtown Giant Colony Brooders

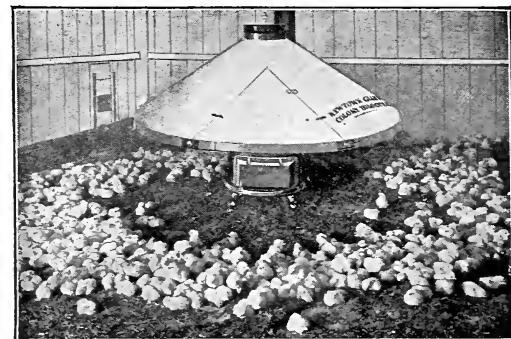
"BUILT FOR LONG-
TIME SERVICE"

RAISE the Most Chicks, the Best Chicks, With Least Labor and Lowest Cost

You should have brooders which will raise good chicks and lots of them—which are not expensive to buy—which do not demand costly buildings—which are economical of labor and fuel—which will give continuously satisfactory service for many years.

The Newtown Coal-burning Colony Brooder meets these specifications. It was the first successful brooder of the colony type offered to American poultrymen and thousands are now in use in every State of the Union and nine foreign countries.

The Newtown Colony Brooder is Coal-burning, Self-feeding, Self-regulating, freely ventilated, safe and durable. It will satisfy your most exacting demands. It is made in sizes to fit your building and for any number up to 1,200 chicks. Get the size you need, but be sure it's a genuine Newtown. There's none "just as good."

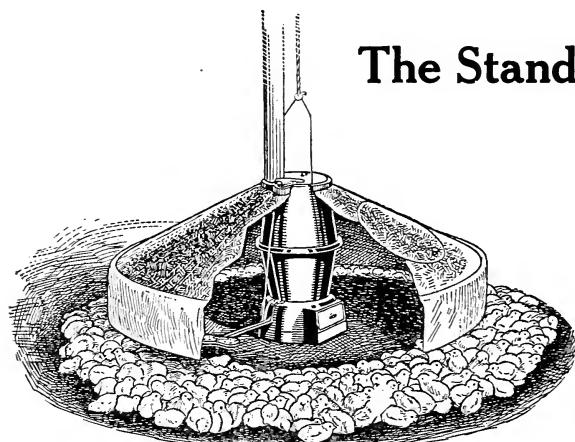


THE NEWTOWN MOTHERING THE CHICKS

PRICES

Size of Brooder Based on Floor Space Used in Coldest Weather.

Diameter of Deflector	Size of Smoke Pipe	
No. 7 for up to 120 sq. ft.	48"	3" \$25.00
No. 11 for up to 240 sq. ft.	50"	4" 32.50
No. 12 for up to 400 sq. ft.	56"	5" 40.00



The Standard-Buckeye Colony Brooder

THE MOST REMARKABLE
COAL BURNING
BROODER EVER INVENTED

Makes three chicks grow where one grew before; cuts the cost of equipment to less than half; cuts the cost of operation to less than half; reduces the time and labor to less than a fourth; Guaranteed to raise more chicks and better chicks.

ABSOLUTE COMFORT FOR THE CHICKS. It is a well-established fact that every chick is not entirely comfortable in the same temperature—some require a little more heat, while others require less. Under the conditions provided by the Buckeye Colony Brooder, every chick can seek the precise temperature that suits it best. If it needs plenty of warmth it moves closer to the stove, and if it requires less heat it moves farther away from the stove. They follow the natural inclinations of nature.

IT IS ECONOMICAL, as it burns but three to six cents' worth of coal in a day. In ordinary cool weather it cannot burn more than three cents' worth of coal, and with the weather below freezing it cannot burn more than six cents' worth in a day.

Prices: No. 18, 500 Chicks, \$21.50; No. 19, 1000 Chicks, \$26.50; No. 25, 1200 Chicks \$30.00

SEND TO US FOR SPECIAL BROODER CATALOGS

THE INTERNATIONAL SANITARY HOVER

This hover or brooder is known as "The One Perfect Brooding Device." For over ten years it has stood the big test of raising chicks successfully and today retains the points that have made it the most popular brooder as well as the most successful.

SPECIFICATIONS

The Sanitary Hover is made in only one size, 100 chicks. That is the sanitary size.

Diameter of the hover is 28 inches. Height of hover at center, 13½ inches. Height of hover to top of draft-pipe, 34 inches.

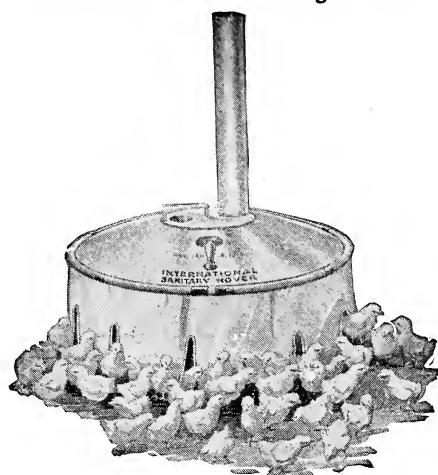
Curtain is six inches oversize to allow for shrinkage. The hover itself weighs about 16 to 18 pounds. The shipping weight is about 25 to 30 pounds.

Lamp bowl holds one quart of oil.

Every hover is furnished complete with curtain, lamp, thermometer and operating directions. It is ready to use except to put oil in the lamp fount and adjust the lamp wick to secure the desired temperature.

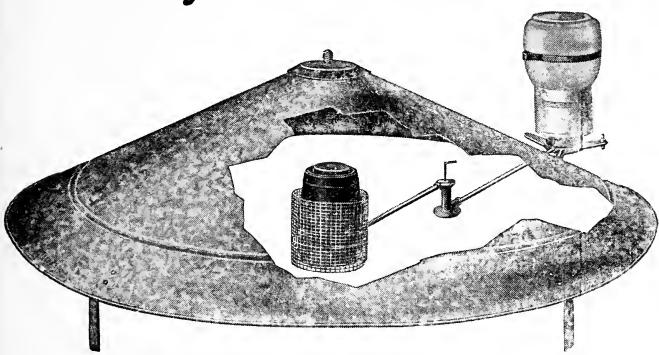
It is the one self-contained, complete brooder.

"The One Perfect Brooding Device"



PRICE \$13.50

Buckeye "Blue Flame" Brooders Fill a Long Felt Need



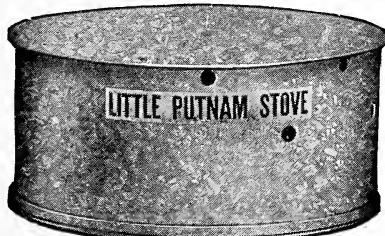
A portion of the Hover cut away to show the relative positions of the Burner and the Hover.

A High Power Oil-Burning Brooder that operates on the same successful principle as the world famous "Buckeye" Coal-Burning Brooder. Simple as an ordinary house lamp. No complicated levers, valves or thermostats. Equipped with a blue-flame burner that is absolutely smokeless, odorless and noiseless. Self-feeding, self-regulating, simple, safe and durable.

Brooder No. 28—Capacity up to 350 chicks. Diameter, 42 inches. Shipping weight, 50 pounds. Price, \$20.00

Brooder No. 29—Capacity up to 500 chicks. Diameter, 52 inches. Shipping weight, 60 pounds. Price, \$22.50

LITTLE PUTNAM STOVE



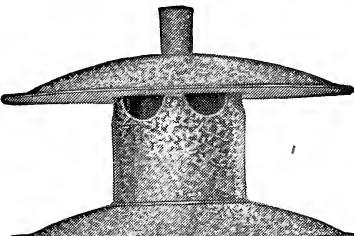
USES OF THE LITTLE PUTNAM STOVE

Used under the drinking vessels of the poultry house to keep the water from freezing in the coldest winter weather.

A little Putnam Stove is nine inches in diameter and four inches high. The oil tank holds three pints of oil and burns three to four weeks without refilling or any other attention. The wick never needs trimming. The stove with any kind of fair usage will last a life-time.

LITTLE PUTNAM STOVE
Price \$2.50 Each Postpaid.

PUTNAM BROODER HEATER

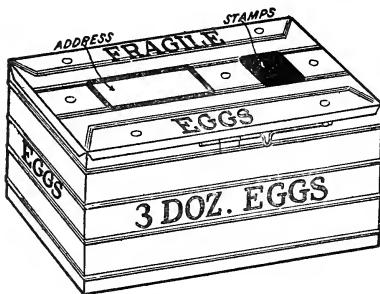


Pat'd June 13, 1916—Dec. 11, 1917

The fire-safe Putnam Brooder Heater is the heart of the Putnam Home-Made Brooder. It requires tending only once a week and can be relied upon to deliver a regular supply of heat.

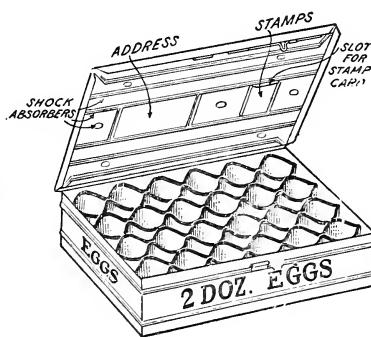
The Putnam Home-Made Brooder is not for sale. You must make it yourself. The Brooder-Heater only is sold. Every Brooder-Heater is accompanied by EASILY FOLLOWED DIRECTIONS for building the Home Made Brooder. Price, \$4.75 each postpaid.

THE ALUMINIZED METAL EGG CRATE



Has proven itself, by its thousands of users, to be the only practical idea for shipping Eggs, Butter and other farm products by Parcel Post.

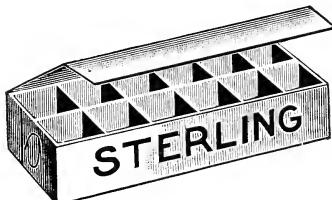
The Metal Edge Filler is a wonder. A new invention and cannot be beat for safely carrying Eggs by mail. Light in weight and very strong.



PRICES

	P. P. Paid
1 1/2 doz. size—all eggs	\$1.25 \$1.32
2 " " " "	1.50 1.57
3 " " " "	1.75 1.83
4 " " " "	2.00 2.09
6 " " " "	2.50 2.60

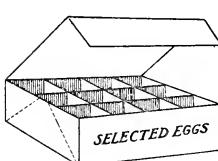
"STERLING" PAPER EGG BOXES



These boxes are intended for use in delivering eggs to private families. They are of a very convenient size, are shipped knock-down and can be readily set up.

Per Doz.	Net Price
Per Doz.	\$0.20
" 25	.40
" 100	1.50

"A.S.&L. PAPER EGG BOXES"



The old fashioned, nearly square, paper egg box. Stamp your name on the cover and guarantee the contents. It pays.

Per Doz.	Price
Per Doz.	\$0.15
" 25	.30
" 100	1.15

Clean, properly graded, well packed eggs command not only higher prices but a surer market. We have egg boxes for every need.

THE ANDERSON HATCHING EGG BOX



Made of corrugated paper with double faced corrugated paper partitions protecting each individual egg. Folded flat for Shipment.

Each	Doz.	Each	Doz.		
1 Setting	\$0.30	\$3.25	50 Egg Size	\$0.65	\$6.50
2 Setting	.45	4.50			

ANDERSON LIVE CHICK BOX

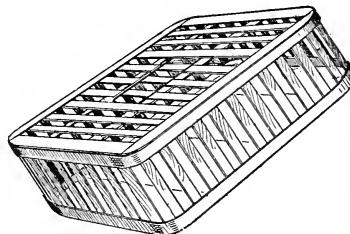


Made from best grade of corrugated paper. For shipment it is folded flat, but can be easily set up and made ready for use.

Each	Doz.
25 Chicks	\$0.25 \$1.75
50 Chicks	.30 2.50
100 Chicks	.40 3.75

Parcel Post Extra.

PINE TREE POULTRY SHIPPING CRATE



Made of Green Elm, then thoroughly dried. The round corners prevent injury and loss by crowding, so frequent in square cornered crates.

Dimensions 24in. x 36in. x 12in. Price, \$2.50

PRICES DO NOT INCLUDE PARCEL POST CHARGES UNLESS SO STATED

START OATS SPROUTING

The feeding of sprouted oats is no longer an experiment. By feeding sprouted oats through the winter, egg production can be kept up to a much larger degree than otherwise.

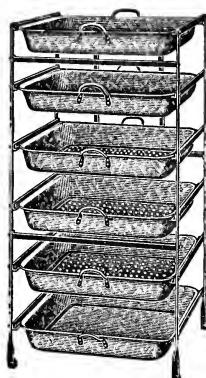
Economy Oat Sprouter

This Sprouter employs the natural process for sprouting. No heat necessary.

The Tray contains five Sprouting Pans and one Drip Pan 16x17 inches.

Made of galvanized iron—will not rust.

Price, \$7.00



MOE'S OAT SPROUTER

Containing six pans. Five for oats and one drip pan.

Price, \$6.00

THE COLLINS SPROUTER



A practical quick growing, perpetual, sectional, fireless Oat Sprouter. Nests in corrugated boxes 4 inches high.

5 Pans 11x15, \$3.00, Weight 9 lbs
8 Pans 11x15, \$4.00, Weight 14 lbs

WATERPROOF SHEETING

Use waterproof sheeting in the windows of your hen house in place of glass. Then there will always be a circulation of pure, dry air and no steam, as caused by glass. You will notice that the Experiment Stations use it. 36 inches wide 30c. per yard, 35c. post prepaid.

NEST EGGS

Lime (medicated), each 4c., doz. 35c. Add 8c. per doz. if wanted sent by mail.

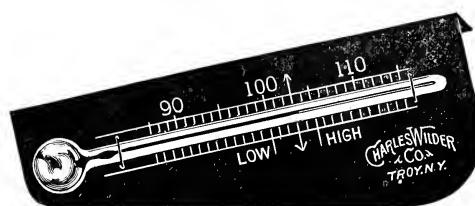
China (or Glass) Nest Eggs, each 3c., doz. 30c. Add 8c. per doz. parcel post.

The Philadelphia Caponizing Set

Complete, with instructions.
Price \$3.00, postpaid



INCUBATOR AND BROODER THERMOMETERS



No. 1052
75c. postpaid.



No. 1046
75c. postpaid.



No. 1117
75c. postpaid.



For
International
Hover
75c. postpaid.

BUCKEYE UNIVERSAL



It will be noted that the Buckeye "Universal" thermometer is self-contained and complete within itself. There are no holders, stands or any other devices required to hold it in position and as a consequence the correct position of the thermometer will always be assured in every case. This not only applies to Buckeye Incubators, but it also applies to every other brand of incubator on the market.

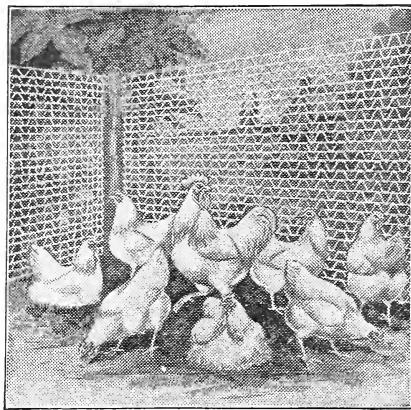
Price, \$1.00 postpaid.

United States Poultry Fence

The United States Poultry Fence is galvanized after weaving and will not rust as Fencing galvanized before weaving.

The United States Poultry Fence has proven the best by test. It has long since established its superiority over other makes, and is in a class by itself. It is built to withstand use and abuse and is guaranteed to give satisfaction.

The United States Poultry Fence is strictly a "No-Sag" Poultry Fence, as the combination of line and mesh wires, closely woven, prevents any lengthening or narrowing between posts. In erecting United States Poultry Fence, the line wires permit of being stretched to a high tension, which compels the fence to remain rigid and upright. These features place it a long stride beyond the Hex Mesh Netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging.



No. 19. Wire Poultry Fence, 2-inch Mesh

12 in. high, per roll	.....	\$1.65
24 " "	.....	3.00
36 " "	.....	4.10
48 " "	.....	5.50
60 " "	.....	6.90
72 " "	.....	8.25

No. 19. Wire Chicken Fence, 1-inch Mesh

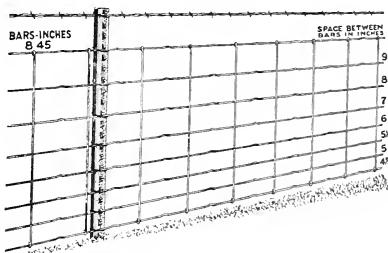
12 in. high, per roll	.....	\$3.50
18 " "	.....	5.25
24 " "	.....	6.50
36 " "	.....	8.20

Write for special price on 5 Rolls or over.

Agents for Portland

"PITTSBURGH PERFECT"

Farm and Sheep Fence



An economical and practical fence where close mesh is not required. A suitable sheep enclosure or when stretched a foot above ground, satisfactory for turning horses and cows.

Price, 45 inch \$4.25 per roll of 10 rods.

"PITTSBURGH PERFECT"

Flower Fences

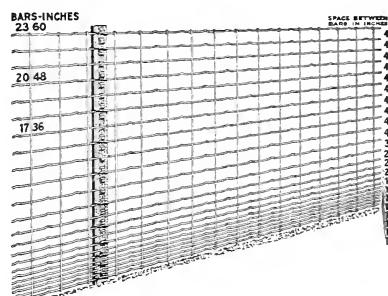
The Flower-Fence is easily put in place, simply by pushing the ends of the stiff picket wires into the ground. No stakes or posts are necessary. Each scroll wire is securely welded to the next corresponding wire. You will find many uses for this fabric for such purposes as flower bed guards, walk borders, tree guards, etc.

Prices

16 inch	10c. per ft.
22 inch	12c. per ft.

"PITTSBURGH PERFECT"

Chicken and Rabbit Fence

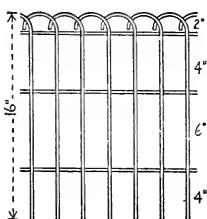


Observe the extremely close spacing of the lower line wires in this fence. It confines the smallest chickens, and keeps out destructive animals and vermin. It is equally effective in protecting your orchards and gardens from rabbits.

"Pittsburgh Perfect" Chicken and Rabbit Fence is a real fence, with line wires that can be stretched taut, and stay wires that support. More durable, effective and economical than netting. No top rails or bottom boards required. The electrically welded joints afford a neat, one-piece, stiff fence fabric.

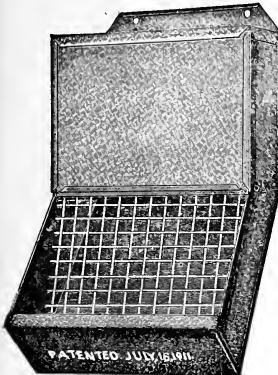
Prices

4 ft.	\$7.00 per roll of 10 rods
5 ft.	\$8.00 per roll of 10 rods



Sexton's Dry Feed Hopper

Easy to Fill. No Waste. Rat Proof.
Dust-Proof



Body made of galvanized iron and the grating is of round galvanized wire, preventing the Poultry from cutting their bills. Price, \$1.75. Parcel Post Paid, \$1.90.

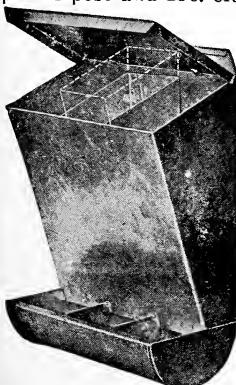
"Overall" Feeders



These feeders are made of heavy stoneware, are very strong and durable, easily cleaned and never clog, inexpensive, always accessible and at the same time the birds cannot waste the feed.

We pack carefully, but cannot guarantee against breakage. 4 qt. size, 85c.

6 quart size, \$1.00 each. 8 quart size, \$1.20 each. By parcel post add 15c. either size.



Sexton Shell and Grit Hopper

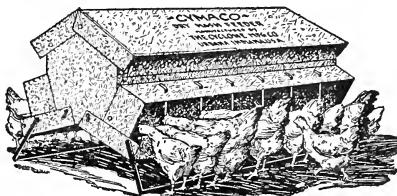
Made of Galvanized Iron, with portable partitions, so that they may be made into one, two, or three compartments as desired. Will not Clog. Price \$1.25. Parcel post paid \$1.35.

The feeders you find listed here are not just "new-fangled ideas," but are common sense helps which will increase egg production.

"CYMACO"

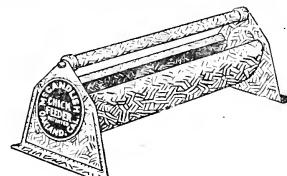
Dry Mash Feeders

Solve Feeding Problems



12 inch	\$2.25	Post paid \$2.40
24 inch	3.00	Post paid 3.25

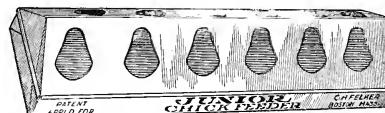
McCandlish Roller Top Chick Trough



14 inch .....	.50	Post paid \$.55
28 inch .....	.75	Post paid .80

Junior Chick Feeder

FEEDS DRY MASH
OR HARD GRAIN



FEEDS SOUR MILK
OR WATER

Made in two sizes. 12 inch, price 25c., post paid 30c. 20 inch, price 40c., post paid 45c.

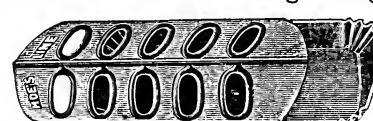
Moe's Double Feeding Troughs



Double trough, with sliding top, easily filled and cleaned. Accurately stamped with dies. No rough edges.

No. 59 Length 18 in..... Each \$.60 Postpaid \$.65

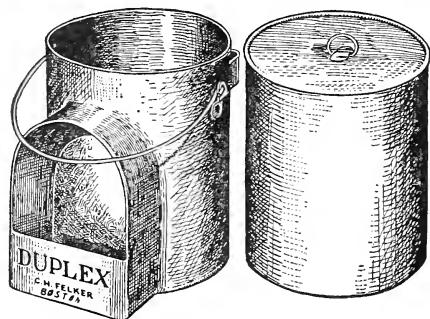
Moe's Aluminum Feeding Troughs



Excellent for feeding Buttermilk, as the aluminum is not affected by the acids of sour milk and similar feeds. The same design as shown above, with sliding top. Easy to clean and will never rust.

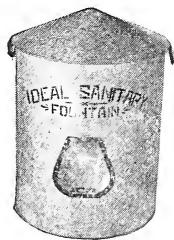
No. 69 Length 10 in.....	Each \$.50	Postpaid \$.55
No. 70 " 20 ".....	" .90	" .95

THE DUPLEX FOUNTAIN



The latest and most practical sanitary fountain on the market. This is a double fount, keeps the water clean and pure. Easy to fill. Easy to care for. 4-qt., \$1.15, Parcel Post, weight 3 lbs.; 8-qt., \$1.35, Parcel Post, weight 4 lbs.

IDEAL SANITARY POULTRY DRINKING FOUNTAIN



Keeps water cool in Summer and warm in Winter

The simplest, handiest and most practical fountain made. Keeps water the right temperature all the year. Has no lamps to trim and valves to get out of order. Saves time, labor, and worry and costs nothing to run.

The fountain is made of galvanized iron, and is similar in construction to the fireless cooker, being packed with a non-conducting material to retain the temperature of the water.

Size	Price
2 Gallon,	\$3.50
3 Gallon,	4.00
5 Gallon,	5.25

The Peerless Brooder Fountain



It is the ideal fountain for small chickens. Easy to fill and easy to clean.

Price, 35c.

Mailing weight, 2 lbs.

Stoneware Fountains



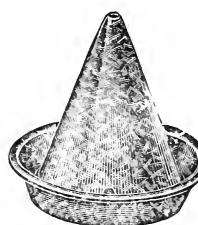
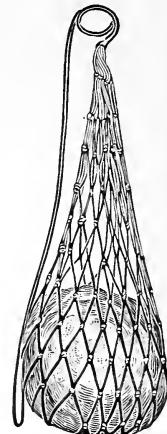
They keep the water cool, and it is impossible for chickens to get drowned. 1 qt., 40c., 2 qts., 45c., 4 qts., 55c. By Parcel Post 15c. added.

PRICES DO NOT INCLUDE PARCEL POST CHARGES UNLESS SO STATED

Carter's Green Food Feeder

Made of strong, soft twine. Hang in the hen house or yard for poultry feeding. Capacity, one-half bushel of cabbage, beets, clover, etc.

PRICE 40c. POSTPAID



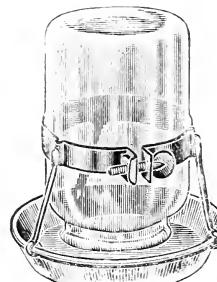
NESCO SANITARY FOUNTAIN

Galvanized Pan and Cone-Shaped Top. Easily Cleaned. 1 qt. 35c. By Parcel Post Prepaid, 40c.

FELKER'S HANDY ATTACHMENT

To be used with any make of Fruit Jar

A PERFECT FEEDER
For Sour Milk, Water, Hard Grain or Grit



The Container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Every one has some kind of a quart fruit jar—the Handy fits them all. Price 25c each.



CUPS FOR POULTRY COOPS

These cups are made to hang inside of exhibition coops or cages and can be used for birds or small pet animals.

No. 2 holds 1 pint..... .25
\$2.50 per doz. postpaid.

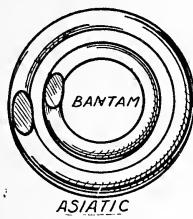
Margaret Mahaney's Turkey Treatment for Black Head. Long and successfully used with a large percentage of cures. Price \$1.00 postpaid.

SPIR-OL

TRADE - MARK

LEG BANDS

RED
WHITE
BLUE
GREEN
BLACK
PINK
RUBY
YELLOW



Made of Celluloid



MEDITERRANEAN



BANTAM



BABY CHICK

ASIATIC

AMERICAN

Identify birds as far as you can distinguish colors. Indestructible and can be slipped on and off like a key ring. Sample free. Poultry sizes: 12 for 10c., 25 for 20c., 50 for 35c., 100 for 50c., postpaid. Baby Chick Bands: 25 for 20c., 50 for 35c., 100 for 60c., Postpaid.

Pigeon Bands—same price as chick.

FAVORITE LEG BANDS

(Double Clinch)

This is a popular aluminum leg band with RAISED FIGURES, and can be supplied in consecutive numbers as desired. It is easily attached, and, when in place, cannot be lost off in continuous wear.

Prices: Prepaid by mail, 12 for 15c., 25 for 30c., 50 for 50c., 100 for 80c.

THE VICTOR LEG BANDS

In Colors with numbers

Made in celluloid and aluminum. Adjustable. Entirely new and different from all others. Large printed numbers, bright and clear colors. Red, blue, yellow and green. Prices: Prepaid by mail: 12 for 50c., 25 for \$1.00, 50 for \$1.85, 100 for \$3.50.



CAPITAL LEG BANDS

Made of Aluminum

It is instantly adjustable to the size of the leg. It locks with a double clamp, fits the leg perfectly, and once on, stays on, until you remove it. The Figures are Raised or Embossed and are always clear and distinct. Supplied in consecutive numbers to suit purchaser.

Prices: Prepaid by mail, 12 for 15c., 25 for 30c., 50 for 50c., 100 for 80c.

PETTEY'S POULTRY PUNCH



The best small chickmarker, and convenient to carry in the pocket. Postpaid 25c.

MOE'S IDEAL POULTRY PUNCH



A New Improved Punch. Works easily, cuts clean, and does not pinch the foot. Length 3 1/2 in. Nickel plated. Each 50c.

Sent by parcel post, prepaid.

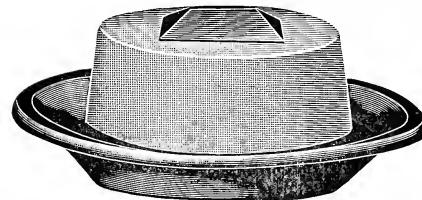
WATER GLASS



Put your eggs down in the spring and summer, when they are cheap, and keep them fresh for ten months. One gallon makes sufficient solution for 50 dozen. Do not trust eggs to water glass of inferior strength. Rutland water glass is pure and strong and safely protects the eggs.

Prices: 1 pint, 18c., 1 quart 25c., gallon 90c.

Sulphur Candles



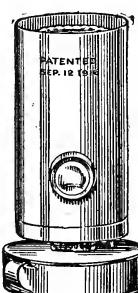
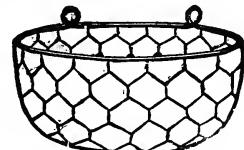
Burns
Three
Hours

They are excellent for ridding poultry houses, dog kennels, cellars, outhouses, etc., of most insect pests and disease germs. The vapor from them penetrates crevices which cannot be reached by powders or liquids. Price 15c. each postpaid. \$1.50 per doz. postpaid.

Wire Hen's Nest

Supported on Walls by
hooking over two nails.

Each, 25c., Per doz. \$2.25



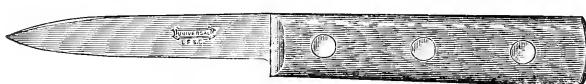
COLLINS EGG TESTER

For incubator use or for candling your eggs. To Fit Standard No. 2 Oil Burner. Price, 25c. By P. P. Prepaid, 30c.

POULTRY KILLING KNIVES

Every poultry raiser should have a killing knife. Scientific butchering means less work and a better market. Keep the axe to cut wood and learn the most up-to-date killing method from your County Agent.

Universal Poultry Killing Knife



Made of finely tempered steel.
Price 50c. each postpaid.

RUSSELL POULTRY KILLING KNIFE



5 $\frac{1}{8}$ inches long, blade 2 $\frac{3}{8}$ inches. A most practical knife for poultry dressers.

Price, 75c. each postpaid.

RUSSELL PINNERS' KNIFE

For Poultry "Tipping."



7 $\frac{1}{2}$ inches long, blade 3 inches. Scientifically designed, proportioned just right.

Price, 50c. each postpaid.

BANNER ROOT CUTTER

No. 7, Exclusively for Poultry.



It cuts fast and is easy running. Leaves the feed in fine, brittle, ribbon-like strips that make choking impossible. Fowls large or small can safely eat the feed. The knives are adjustable and made of the very best of steel. An iron gate in bottom of hopper lets dirt and gravel escape before reaching the knives. In this cutter we offer the poultrymen a low-priced high-grade, nicely finished and mechanically constructed machine.

Two to five minutes will cut enough feed for a large flock of fowls. Price, \$7.00.

AGENTS FOR LISTER'S FERTILIZERS

A FERTILIZER FOR EVERY CROP AND DIFFERENT SOIL REQUIREMENTS

BRANDS

GUARANTEED ANALYSIS

	Am- monia	Ava. P. A.	Pot- ash
Lister's Success	2	8	2
Lister's Corn & Potato	2	9	3
Monach 4-8-4	4	8	4
Lister's 10% Potato Grower	4	6	10
Lister's Grass & Lawn Top Dressing ..	6	6	4
Lister's High Grade Potato Fertilizer	5	8	7

Write for Fertilizer quotations.

Sheep's Head Brand Pulverized Sheep Manure



For the lawn there is nothing better than sheep manure, and its convenience makes it the logical fertilizer.



Sheep manure is probably more largely used in greenhouse growing of flowers and vegetables for market than any other fertilizer, because it is safe, can be relied upon for quick, sure results. It is unequalled for either dry or liquid top-dressing, especially for carnations, chrysanthemums, asters and other hardy floral crops.

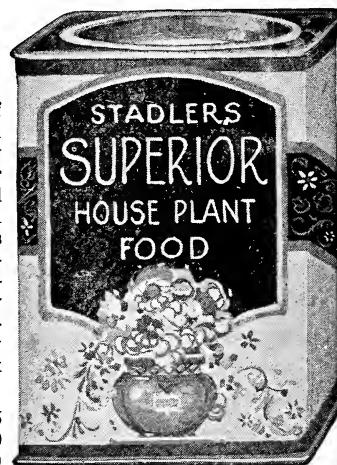
5 lbs. 35c., 10 lbs. 50c., 50 lbs. \$1.75, 100 lbs. \$3.25.

SUPERIOR HOUSE PLANT FOOD

Is a scientific, correctly balanced plant food, water soluble and odorless, and absolutely guaranteed.

Put a tablespoon of Superior Plant Food in the watering pot every time you sprinkle your garden, or a teaspoonful in the pitcher when you water your house plants—and then watch results! You will be amazed at the new glow of health and rich beauty your plants will show almost at once. Ask for sample.

3 oz. can	\$.25
7 oz. can .....	.50
1 lb. can	1.00



Write for prices on

AGRICULTURAL LIME
ACID PHOSPHATE
NITRATE OF SODA
PURE GROUND BONE
SULPHATE OF AMMONIA

HOCKING VALLEY CIDER MILLS



The device for grinding the fruit is the same as is used on the large hydraulic presses, and makes a pomace that yields under the press every particle of juice in the fruit.

An important feature of the mills is the absence of metal of any kind to rust or impair the quality of the cider.

A quart of water will clean it after using.

They are made in the three following sizes:

Senior	Size of Tubs, 13½ in. high, 15½ diam.
Medium	" " " 12 in. high, 12½ diam.
Junior	" " " 10½ in. high, 10 diam.

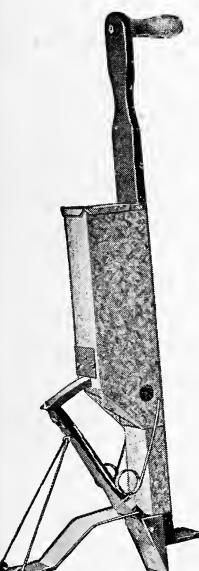
Write For Prices.

Here is a REAL LABOR SAVER for every Farmer and Gardener

MASTERS RAPID PLANT SETTER

for transplanting tomatoes, cabbage, strawberries, cauliflower, peppers, asters, and all similar plants.

Each plant is SET, WATERED, and COVERED in one operation. This little machine positively eliminates all of the hard, tedious labor, does perfect work. Is more than three times as fast as hand setting. It is strongly built, and will last for years. Shipping weight 7 lbs., price \$6.25 each.



The Eclipse Rotary Corn Planter

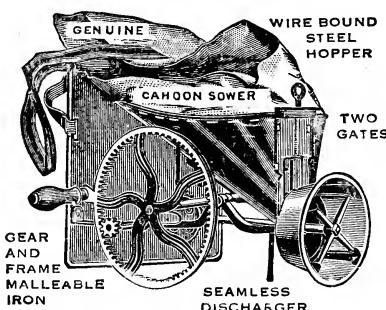
Eclipses all others; has positive feed.

Four changes of discs. Eclipse is the easiest operating planter on the market.

Price, \$2.50

Cahoon Seed Sower

For Sowing Wheat, Barley, Oats, Buckwheat, Grass Seed, etc.



Sows from four to eight acres per hour at a common walking gait, throwing out wheat a distance of 40 feet wide.

Parcel post, weight 9 lbs. Price \$5.00.



Planet Jr. Garden Tools

The "Planet Jr." Catalogue is the best and most instructive book ever issued on "Farm and Garden Tools and Their Use". Full of points that bring profit. Full of true and instructive illustrations. We mail it free to any address on application.

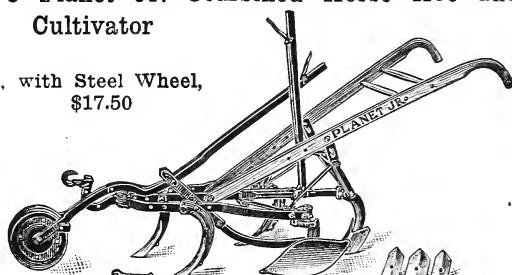
No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow



For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

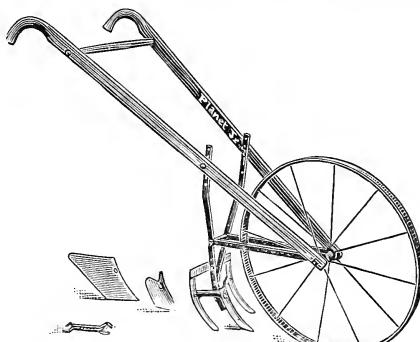
Price, with Steel Wheel, \$17.50



Equipment: Four 3x8-in. plates, one 4x8-in. plate, two 6-in. side hoes, one 7-in. shovel, level wheel, lever expander. Depth regulator.

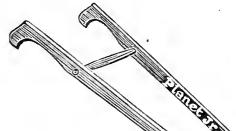
This is a general favorite. Easily understood and operated. The tool is especially strong; braced to make a stiff, unyielding tool intended for long service.

No. 119 Planet Jr. Garden Plow and Cultivator



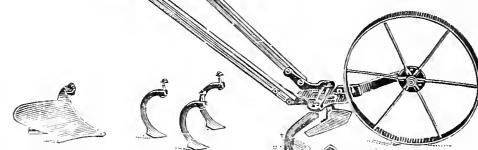
The wheel is 24 inches in diameter with a rim 1½ inches wide, insuring easy running in the lightest soil.

Price complete, \$4.75



No. 17 Planet Jr. Single Wheel Hoe

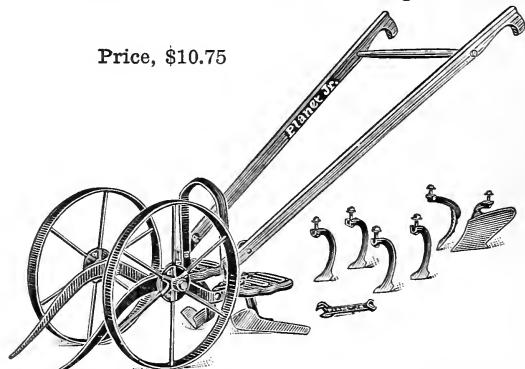
Price, \$7.75



The No. 17 has a pair of 6-inch hoes, a plow and a set of 3 cultivator teeth, as illustrated above.

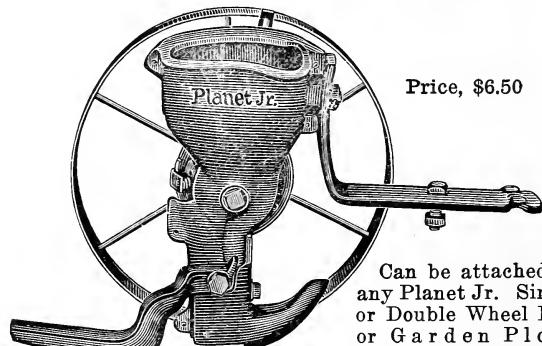
No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$10.75



A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels.

No. 35 Planet Jr. Seeder Attachment



Price, \$6.50

Can be attached to any Planet Jr. Single or Double Wheel Hoe or Garden Plow. Plants in a straight continuous row, at uniform depth, quicker than by hand and infinitely better. Holds one pint. Can be used for planting even a small packet of seed. Has a handle-bracket and can be used independently of the wheel hoe. Handle extra 75 cents.

Everyone having a small kitchen garden should have this handy seeder.

HUDSON PERFECTION SPRAYER



For gardening, whitewashing and general use there is no equal of THE HUDSON PERFECTION.

The tank is riveted top, bottom and side seam. Made of copper bearing, galvanized sheet or brass. Capacity about four gallons. The pump is of seamless brass tubing. Nozzle threaded with standard quarter-inch iron pipe threads so a longer extension may be used. Perfection, galvanized.

Price each, \$6.00

Perfection, brass.

Price each, \$8.50

HUDSON JUNIOR SPRAYER

The Hudson Junior Sprayer is similar to the Perfection in construction but is smaller in size. It is a high pressure sprayer and will do all the work of the larger sprayer but does not have the capacity. Tank holds about 2½ gallons.

Galvanized Junior. Price, \$4.50 each

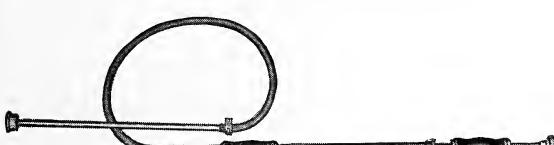
HUDSON CONTINUOUS SPRAYER



The Hudson Continuous Sprayer delivers a finely divided mist and will handle all solutions which are perfectly soluble. All working parts are brass and the siphon tube and check valve are easily removable.

Brass Continuous Sprayer Price, \$1.25 each

HUDSON TROMBONE SPRAYER

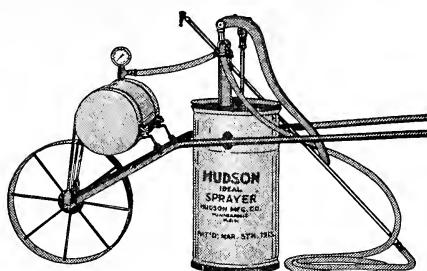


The Hudson Trombone Sprayer is a high pressure spray pump adapted for spraying orchards, vineyards, shrubbery, shade trees, potatoes and field crops; for whitewashing, disinfecting, spraying stock dip and fly oils, washing windows and automobiles, fighting fires and numerous other purposes.

It is double acting, maintaining a steady discharge without undue exertion on the part of the operator.

No. 123. Hudson Trombone Sprayer... Price, \$4.50 each

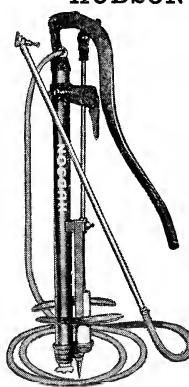
HUDSON IDEAL SPRAYER



The Hudson Ideal Sprayer is a high pressure portable outfit. It will handle all agricultural and industrial spray solutions satisfactorily. The power unit is a standard barrel pump, capable of developing a pressure of 200 pounds. Equipped with a reserve air pressure tank to aid in maintaining the pressure. Fitted with six feet of hose, four feet of iron pipe extension, leakless shutoff and Ideal nozzle. Capacity of tank 15 gallons. Shipping weight 100 pounds.

No. 33 Ideal Sprayer. Price, \$33.00 each

HUDSON BARREL SPRAY PUMP



This pump will meet all requirements of a perpendicular barrel pump. It is powerful, light and durable, and will maintain a working pressure of 200 pounds. Has ample capacity for two lines of hose if desired. Because of its high pressure, it is particularly adapted to orchard and vineyard work; also white-washing, cold water paints, disinfectants, etc.

Price, \$12.50.

HUDSON MISTY SPRAYER



The Hudson Misty Sprayer is a favorite with the housewife. It is suitable for use in a small garden, around the dairy barn, chicken coops, etc. Capacity one quart.

Misty Sprayer. Price, 50c each

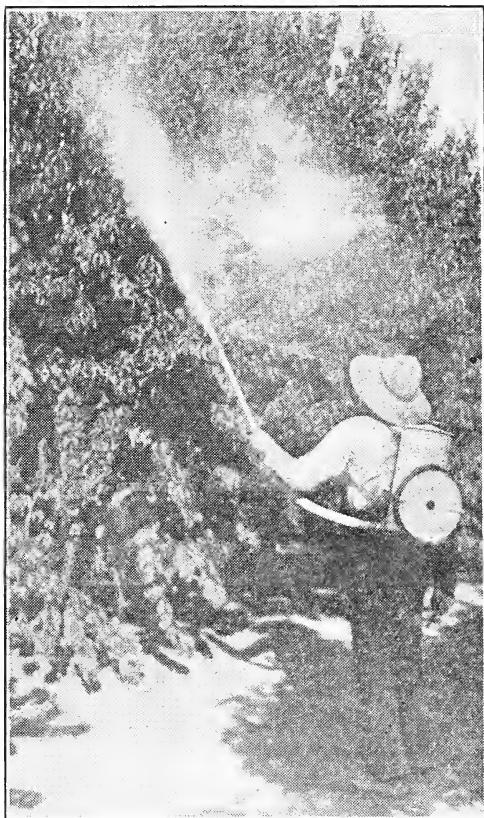
HUDSON MIDGET SPRAYER



The Midget Sprayer is designed for general household use. It will handle all insecticides and disinfectants in a satisfactory manner. Capacity about one pint.

Midget Sprayer. Price, 35c each

AMERICAN BEAUTY DUSTER
For Orchard, Field and Garden Work



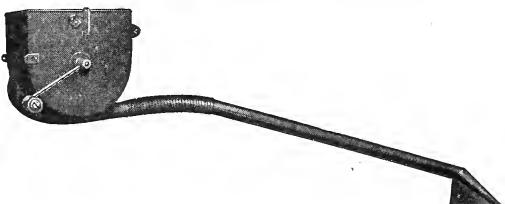
Dusting 20 Acres Per Day With the American Beauty Duster.

THE AMERICAN BEAUTY DUSTER is a one man machine. It is small in size and cost; big in operation. It is easily operated; has a large powerful bellows; and is capable of accomplishing an enormous amount of work. It is, in truth, a "Little Giant." Filled and brought into action in less than five minutes; always dependable, and always available at critical times.

Price, \$25.00.

Send for circular giving full description of duster.

NIAGARA BLOWER DUST GUN

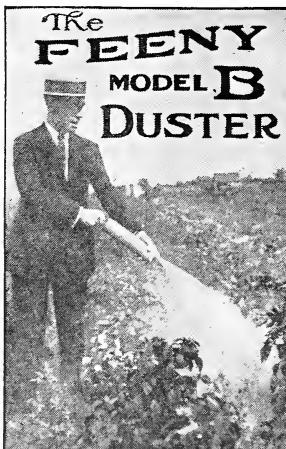


The nozzle is attached directly to flexible tube for dusting plants waist high. The right hand turns the crank.

Straps go over shoulders, cross on the back and attach to the side of hopper. One section of pipe added to flexible tube for dusting plants knee high.

Two sections of pipe added with flexible tube at nozzle-end for dusting strawberries, cucumbers, etc. The dense cloud of dust reaches all parts of foliage.

Price \$22.00

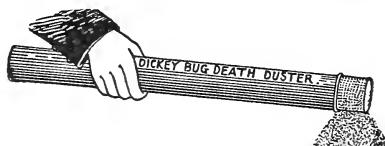


No other duster has the patented piston packing features of the Model B Duster. These features allow of the greatest moving volume of air and the greatest force with the least possible mechanical friction, insuring the easiest operation. With the Model B, the slightest movement forward of the piston, produces a dust cloud of the highest type. This is due to the perfect compression which is accomplished in no other dusting device.

Price, \$1.00.

Post Paid, \$1.10

DICKEY BUG DEATH DUSTER



For use in applying BUG DEATH, DRY to small flower or vegetable gardens.

Price, 45c.

Postpaid, 50c.

THE B. D. BUG DEATH SIFTER



The B. D. Sifter is the latest hand device for applying BUG DEATH.

Easy to operate and gives quick covering to all plants and vines requiring a top application.

Price, 65c., Postpaid, 75c.

NIAGARA HAND PLUNGER GUN



A practical duster for small gardens, rose bushes, shrubs, or in any place where the various dry powders are to be applied in small quantities.

Price \$1.25 each

IMPROVED Pyrox

**Still Easier to Use
Still More Effective**

Bowker's Pyrox is the last word in a scientific compound to protect plants from insects and blights. For over a quarter century Pyrox has been known as the handiest and most efficient spray material on the market. And now, due to advanced manufacturing methods, Pyrox is even better than ever. There is simply nothing else like it.

Insects, worms and bugs simply can't live where Pyrox is sprayed. Blights, rusts and rots can make no progress. Due to the secret process of blending the deadly poison with the powerful fungicide extra high in copper, Pyrox not only saves your plants, but improves them — makes them sturdier and stronger — lengthens the growing period — which increases the yield and enriches the quality. And because it sticks like paint frequent sprayings are unnecessary.

1 lb. jar 50c., 5 lb. drum \$1.75, 10 lb. drum \$3.00, 25 lb. drum \$6.25, 50 lb. drum \$10.75, 100 lb. drum \$17.00, 300 lb. drum \$48.00.



BOWKER'S POWDERED ARSENATE OF LEAD



Bowker's Arsenate of Lead is the result of thirty years of manufacturing this product — a longer experience than that of anyone else in the business. Bowker's can be used either as a spray or as a dust for all leaf-chewing worms and insects. It will not burn or injure your crop. Unlike ordinary brands, Bowker's mixes easily, stays well in suspension and is so finely divided that you get an even distribution with no trouble from clogged nozzles. Sticks to the foliage through heaviest rains. In choosing Bowker's you obtain unusual efficiency at no additional cost.

½ lb. package 20c., 1 lb. package 30c., 4 lb. package \$1.00, 25 lb. package \$5.50, 100 lb. package \$20.00.

PARIS GREEN

A poisonous powder For Leaf-eating Insects. Use four to six ounces to fifty gallons of water. Or two teaspoonfuls to one gallon of water.

¼ lb. 20c., ½ lb. 35c., 1 lb. 60c.

BOWKER'S POWDERED BORDEAUX MIXTURE



Bowker's Powdered Bordeaux is a powerful fungicide for the control of blights, rusts and rots on any crops where bordeaux is recommended by the experiment stations or other agricultural authorities. Fine, light and fluffy, Bowker's Bordeaux mixes easily and completely. Hence it covers evenly and sticks well to the foliage. When bugs or worms are present use Bowker's Pyrox in place of Bordeaux, as Bordeaux contains no poison.

1 lb. package 30c., 4 lb. package \$1.00, 25 lb. package \$5.00.

SCALECIDE THE COMPLETE DORMANT SPRAY

It keeps trees clean and healthy, and effectively takes care of the leaf roller, bud moth, case bearer, San Jose scale, and all kinds of scale. Write for special catalogue.

Qt. 60c., gal. \$1.45, 5 gals. \$6.25, 10 gals. \$11.00, 30 gals. \$26.00, 50 gals. \$38.00.

NIAGARA DUST FORMULAS AND USES



—the cheapest spray for the dormant and delayed dormant applications. Particularly effective against San Jose Scale, the worst enemy of American fruit. Equally effective against all other scale insects, Peach Leaf Curl, and many other pests.

Niagara Soluble Sulphur Compound is a dry powder produced from sulphur and soda ash by a patented process. It is an improvement over liquid lime-sulphur. It is not a dry lime-sulphur, but a much superior product with greater insecticidal and fungicidal values in less bulk.

Of Niagara Soluble Sulphur Compound only 12½ pounds is needed in 50 gallons of water to get effective results.

Prices

1 lb. metal drums.....	\$.35
5 " " "	1.00
10 " " "	1.75
25 " " "	3.50
50 " " "	6.00
100 " " "	10.00

NIAGARA D-6 MIXTURE

Dehydrated Copper Sulphate 20 Per Cent (as Copper Sulphate Crystals 26.7%) Lime and filler.

Standard Copper Fungicide without poison for potatoes, celery, and other vegetable crops.

Price

25 lbs.	\$ 2.75
50 lbs.	4.75
100 lbs.	7.50

NIAGARA D-20 MIXTURE

Dehydrated Copper Sulphate 20 Per Cent (as Copper Sulphate Crystals 26.7%) Calcium Arsenate (Poison) 20 Per Cent, Lime and Filler.

Standard Copper Fungicide with poison for Potato Bugs and Blight.

Price

25 lbs.	\$ 3.25
50 lbs.	6.25
100 lbs.	10.50

NIAGARA SUPER-SULFODUST

Dusting Sulphur with special spreader and sticker. Fineness 98%, 300 mesh.

An Improved Sulphur Fungicide without poison for Apple Scab, Brown Rot, etc.

Price	
100 lbs.	\$ 4.25

NIAGARA KOLODUST

A new patented dusting sulphur of infinite fineness. A dust you can see stick.

The New Exclusive Niagara Sulphur Fungicide without poison for Apple Scab, Brown Rot, etc.

Price	
100 lbs.	\$ 5.00

NIAGARA FRUITEX DUST

Sulphur and Lead Arsenate Mixture.

For Diseases of Apples, Pears, etc.; Codling Moth, Strawberry Weevil, etc.

Price	
100 lbs.	\$ 8.50

NIAGARA KOLOTEX

A mixture of Kolodust and Lead Arsenate. A dust you can see stick.

The New Exclusive Niagara Sulphur Fungicide with Lead Arsenate for Diseases of apples, pears, etc.; Codling Moth, Strawberry Weevil, etc.

Price	
100 lbs.	\$ 8.75

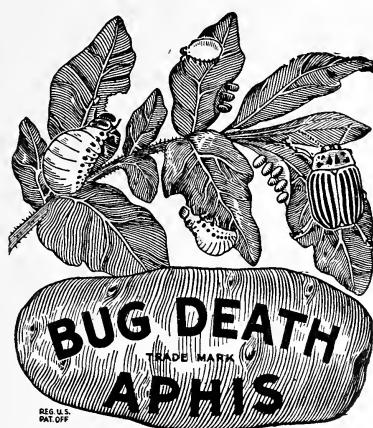
NIAGARA DUSTING MATERIAL IN

A HANDY PACKAGE FOR THE
SMALL GARDEN, ROSE BUSHES,
SHRUBS, ETC.

WRITE US FOR

"THE NIAGARA GARDEN POLICE BOOK"

INSECTICIDES AND FUNGICIDES



Bug Death Alpha (formerly called *Aphis*). For sucking insects, lice, *aphis*, flea beetles, and fungus, this preparation is offered. There is no place where it can work injury. Specially recommended for the health of all house plants, as it is absolutely free from all forms of arsenic. 12 oz. pkg. 20c., 10 lb. pkg. \$1.25, 80 lb. drums \$8.50, 150 pound drums \$16.00.



Pat. March 16 and Nov. 9, 1897.

Bug Death. A non-poisonous powder. Destroys potato, squash, and cucumber bugs, currant and tomato worms; safe to handle. Contains no Paris Green or Arsenic. Apply dry or in water. 1-lb. package 20c., 3-lb. package 45c., 5-lb. package 65c., 12½-lb. package \$1.25, 100-lb. keg \$8.50.

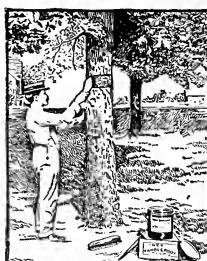
FORMALDEHYDE—(Liquid)

For destroying the germs that affect animal and plant life; also as a preventive for potato scab. Dilute one pound in forty gallons of water.

1 lb. bottle, 50c.



TREE TANGLEFOOT



Tree Tanglefoot

A sticky compound for painting around the trunks of trees, in the form of a band, the most effective and economical protection against crawling insects. Caterpillars and other crawling pests cannot get over it.

1 lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.25.

COPPER SULPHATE

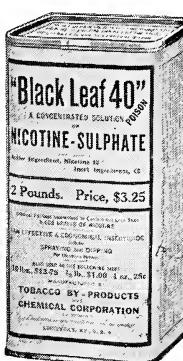
For Making Home-Made Bordeaux Mixture for Fungicide Purposes. It contains over 99% pure copper which gives a strong and fresh mixture when properly made. It is the kind of material that is only safe to use when a dependable home-made product is desired. The extra cost is so slight when compared with the additional satisfaction of knowing crops are protected in the best possible manner that particular users will buy it every time. Write for price.

“BLACK LEAF 40”

A concentrated nicotine solution. Highly recommended by spraying experts for destroying *aphis*, thrips, etc., without injury to foliage. Soluble in water; no clogging of nozzles.

Spraying directions on each package.

1 oz bottle 35 cts., $\frac{1}{2}$ -lb. can \$1.25, 2-lb. can \$3.50, 10-lb. can \$13.50.



NICO-FUME (Liquid)

Used as a spray or as a vapor. Does not stain nor injure blooms. $\frac{1}{4}$ lb. can 75c., 1 lb. can \$2.35, 4 lb. can \$8.50, 8 lb. can \$16.50.

POWDERED WHITE HELLEBORE

Safe to use when fruit or vegetables are nearly ripe. Used largely for cabbage and currant worms, can be used as a powder or dissolved.

$\frac{1}{4}$ lb. pkg. 25c., $\frac{1}{2}$ lb. pkg. 35c., 1 lb. pkg. 65c.

INSECTICIDES AND FUNGICIDES—Continued

FISH OIL SOAP WITH TOBACCO

Kills most lice and sucking insects on trees, shrubs, plants, vines and rose bushes.

A Fish Oil Soap, the killing values of which are increased by the addition of tobacco and tobacco extractive matter. One pound makes 2 to 5 gallons of spray. Prices: 1 lb. box 35c., mailing weight 2 lbs.; 5 lb. box \$1.35, mailing weight 6 lbs.; 10 lb. box, \$2.40, mailing weight 11 lbs.

"Lion Brand" Tobacco Dust

For dusting green and black aphids, fleas, etc.
1 lb. box 20c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$6.00.

MELROSINE

The general contact insecticide that kills rosebugs and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. One pint will make three gallons of spray solution.

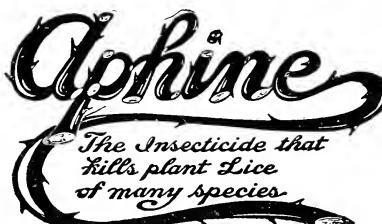
Pint, \$1.00; quart, \$1.75; $\frac{1}{2}$ gal. \$3.25; gal. \$6.00.



Dolge Liquid Weed Killer

Destroys Weeds in Paths, Roads and Gutters. Kills roots as well as tops of all weed and grass growths. Easier and less expensive than hoeing and digging by hand. Very effective in walks and cobbled gutters without injury to roadbed. Dilute 1 part Weed Killer to 40 parts of water and apply with sprinkling can or cart.

1 qt. can, 75c., 1 gal. can, \$2.00, 5 gal. can, \$6.50.



Full directions for use on each can. $\frac{1}{4}$ pt. can 25c., $\frac{1}{2}$ pt. 40c., 1 pt. 65c., 1 qt. \$1.00, 1 gallon \$3.00.

HALL'S NICOTINE FUMIGATOR



An efficient insecticide prepared especially for fumigating greenhouses. Destroys plant lice and similar soft bodied insects.

$\frac{1}{2}$ lb. cans \$2.50 each.

STERLINGWORTH KEROSENE EMULSION



It kills the green plant louse, scale and most soft bodied and sucking insects. Prices: 1 pt. cans 35c. each, mailing weight 2 lbs.; 1 qt. cans 50c. each, mailing weight 4 lbs.; 1 gallon cans \$1.25 each, mailing weight 11 lbs.

STERLINGWORTH ANT-I-CIDE



A powder for use against ants in lawns and gardens.

One pound covers about 200 square feet. Prices: 1 lb. box 30c., parcel post weight 2 lbs.; 5 lb. tin \$1.25, parcel post weight 6 lbs.

TOXOL

A non-poisonous and non-explosive liquid. Kills Flies, Mosquitoes, Lice, Spiders, Water Bugs and other insects. Prices: pint can, 65c; quart can, \$1.10; half gal. can, \$1.95; gallon can, \$3.50.

LA-LO ANIMAL SPRAY

Endorsed by many leading Agricultural Colleges and Dairymen.

LA-LO ANIMAL SPRAY IS INVISIBLE, even on white cattle. Has a mild, pleasant odor. Will not gum the hair. Will not irritate or blister. Will not taint milk—even if used freely at milking time. Assists in keeping cows free from flies and mosquitoes in summer and lice in winter. 1 Gal. Can \$1.75.

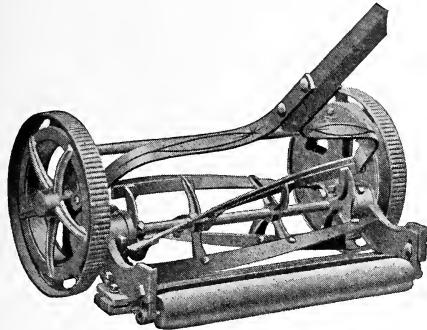
PRICES SUBJECT TO MARKET CHANGES

A. S. & L. HAND LAWN MOWERS

A., S. & L. Hand Lawn Mowers are noted for high quality, for strength and rigidity of alignment, and for up-to-date design and attractive finish.

They are made of the highest grade materials throughout with up-to-the-minute machinery and the best skilled labor.

A., S. & L. Lawn Mowers are guaranteed to give absolute satisfaction, or money returned.



A. S. & L. "SPRINGFIELD" BALL BEARING

Wheels 10 inches—6" Reel, 5 Knives. Knives of highest quality crucible steel and self sharpening. One of the best mowers obtainable at any price.

16 in. cut Price \$15.00

A. S. & L. "TECUMSEH"

Wheels 9 inches—5" Reel, 4 Knives. Knives of crucible steel—self sharpening. A high grade, easy running mower at a moderate price.

16 in. cut Price \$12.00

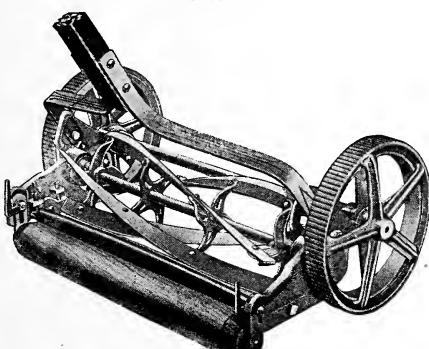
A. S. & L. "SHAWNEE"

Wheels 8" diameter—4 knives, reel bearings self aligning and adjustable.

A thoroughly reliable, easy running, general purpose lawn mower.

16 in. cut Price \$10.50

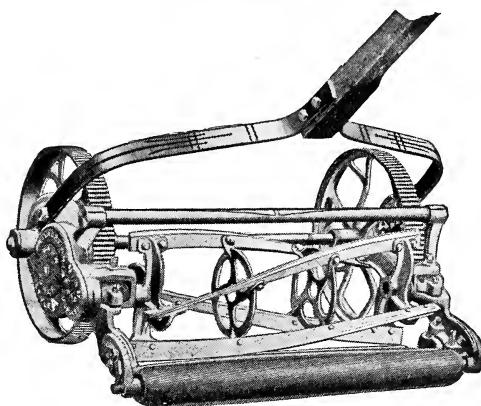
THE "ELECTRIC" BALL BEARING MOWER



This is one of the best medium priced machines on the market. It has a 9 inch drive wheel also enclosed hub with special oil retaining chamber.

16 in. cut Price \$12.00

GENUINE "PHILADELPHIA" LAWN MOWERS



GENUINE "PHILADELPHIA" STYLE A

All Steel. Cylinder with 4 blades. Driving Wheel, 10 inches. Diameter of Cylinder, 6 $\frac{5}{8}$ inches. Train of 3 Gears on one side. Double Ratchet.

Prices—17 inch, \$24.00, 19 inch, \$27.00.

GENUINE "PHILADELPHIA" STYLE K

Cylinder with 5 blades. Driving Wheel, 10 inches. Diameter of Cylinder, 6 $\frac{5}{8}$ inches. Single Pinion. Geared both sides.

Prices—16 inch, \$20.00, 18 inch, \$22.00.

GENUINE "PHILADELPHIA" STYLE DEWEY

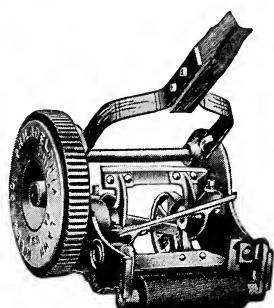
Cylinder with 4 blades. Driving Wheel, 8 inches. Diameter of Cylinder, 5 $\frac{1}{8}$ inches. Single Pinion. Geared both sides.

Prices, 12 inch, \$10.00, 16 inch, \$11.00, 18 inch, \$11.50.

GENUINE "PHILADELPHIA" LAWN TRIMMER

Cylinder with 4 blades. Driving Wheel, 8 inches. Single Pinion. Cuts within $\frac{1}{4}$ inch of Edge. Diameter of Cylinder, 5 $\frac{1}{8}$ inches.

Price, \$9.00



"FINE LAWNS KEPT FINE"

IDEAL

Power
Lawn Mowers

"THERE'S AN IDEAL MOWER
FOR EVERY NEED"**IDEAL JUNIOR 22 INCH**

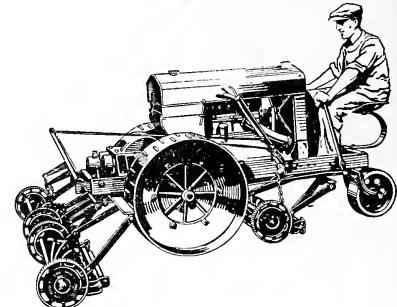
The Ideal Junior is just the mower for small lawns and also for use in cemeteries and on other lawns where there is much shrubbery or similar obstructions.

It cuts $\frac{1}{2}$ acre hourly and does the work of from 3 to 4 men with hand mowers. It is simple and reliable and can be operated by anyone.

Write for special Ideal Catalog and complete information.

**THE IDEAL 30 INCH**

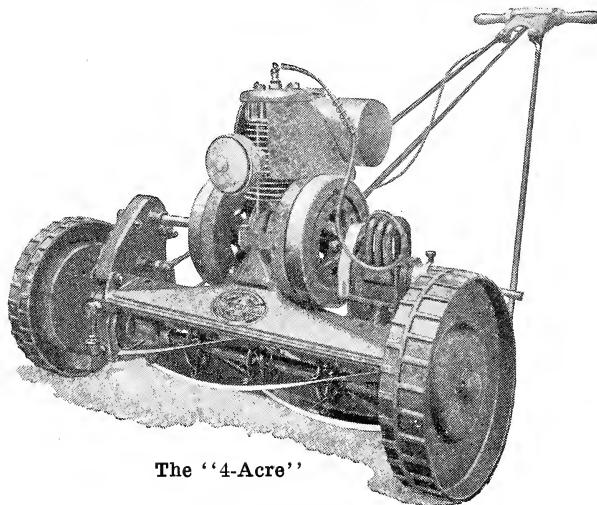
The 30 inch Ideal cuts $\frac{3}{4}$ acre hourly and does the work of from 5 to 6 men with hand mowers. For parks, private estates and lawns of similar size, it has no equal.

**IDEAL POWER TRIPLEX
84 INCH CUT**

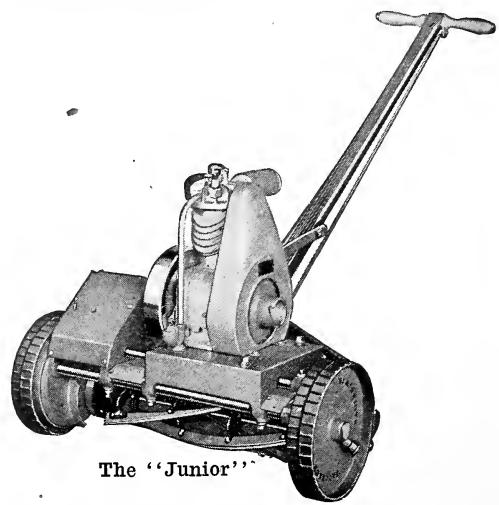
This model is for use on golf fairways, large parks and lawns of similar size. It actually cuts more lawn in a given time than any other outfit on the market.

It is simple and compact . . . built and designed for the purpose it serves. It is power steered and equipped with cutting units that are real cutters . . . designed for power work . . . and equipped with Timken Roller Bearings.

Don't buy until you have investigated the Ideal.

THE "4-ACRE" POWER LAWN MOWER

The "4-Acre"



The "Junior"

SPECIFICATIONS

Special Built Motor— $2\frac{1}{2}$ inch bore x $2\frac{1}{2}$ inch stroke.
Speed of Motor—900 R. P. M. at $3\frac{1}{2}$ miles per hour
of mower travel.

Fuel Consumption—About one gallon per day.
Width of Cut—24 inches.
Capacity—4 to 5 acres per day.

The "Jacobsen Junior" has been designed especially for moderately large lawns, or lawns broken up with numerous obstructions. It has a capacity of fully two acres per day, weighs only 150 pounds and is as easy to handle as an ordinary hand mower. Width of cut, 19 inches.

Write for Special Catalog with prices

USEFUL ARTICLES FOR THE LAWN

PALISADE RUBBER GARDEN HOSE



An extra durable garden hose of the same construction as a cord automobile tire. Absolutely guaranteed to give satisfaction.

½ inch 16c. foot
 ¾ inch 17c. foot
 ¾ inch 18c. foot

PERFECT CLINCHING HOSE MENDER

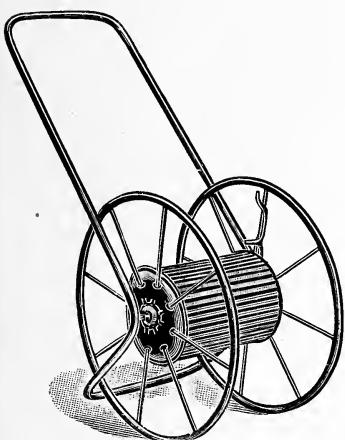
It leaves the hose as smooth and strong and tight as a new hose.

½ and ¾ inch, each 15c. Doz. \$1.50.



ALL METAL HOSE REELS

Galv. hose drum
 wheel 21 inch.
 Capacity 100 ft.
 Price \$5.25



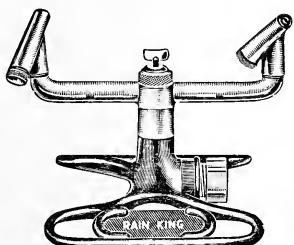
VICTOR HOSE REEL

Lighter construction with painted drum.
 Price \$2.75

RAIN KING SPRINKLER

Made entirely of brass except the base. Has heavy bronze bearing and thrust collars. Nozzles turn in any direction.

Price \$3.50

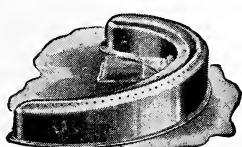


FOUNTAIN SPRINKLER



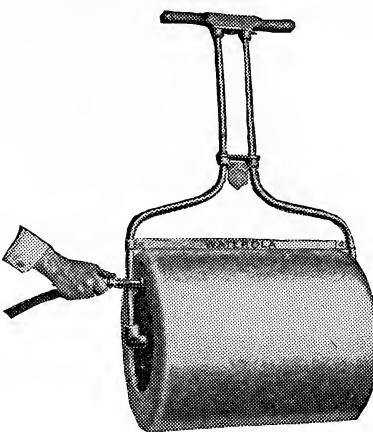
Price 85c.

HALF FOUNTAIN



Price 80c.

WATEROLA



Price \$16.50

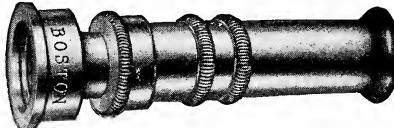
Here is a Roller priced within the reach of every home owner. The semi-steel drum has no welded seams. The water cannot rust it and cause leakage any more than it does to an automobile cylinder, as this roller is made of the same material.

Diameter 18 in. Length 24 in.

Weight, when empty, approximately 115 pounds.

Weight, when filled with water, approximately 300 lbs.

NEW BOSTON HOSE NOZZLE



Will throw a coarse or fine spray or a large or small stream as may be desired.

Price, 75c., by Parcel Post, 80c.

WATERING POTS



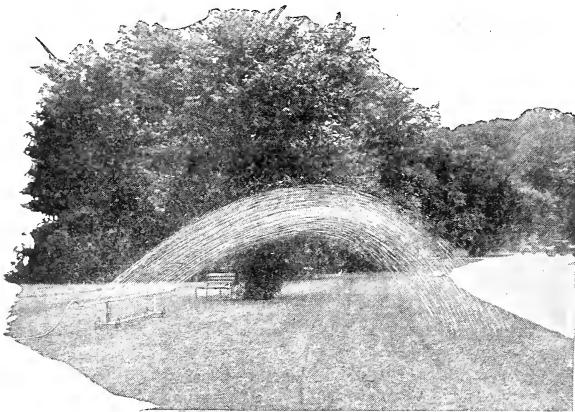
	each
4 quart Galvanized Iron,...	.80
6 quart Galvanized Iron,...	.85
8 quart Galvanized Iron,...	1.00
10 quart Galvanized Iron,...	1.15
12 quart Galvanized Iron,...	1.50
16 quart Galvanized Iron,...	1.75
20 quart Galvanized Iron,...	2.25

GRASS SHEARS

Do not buy a cheap grass shear, they do not last long, nor do they keep a sharp edge, which is an essential in trimming grass; our list comprises the best makes.



True Vermont	\$1.25
No. 525 .....	.85
No. 540 .....	.75



MARCH Automatic RAINMAKERS

Sprinkles rectangles, not circles.

Covers large areas rapidly without overlapping, and is quickly adjusted to water small spaces.

Sprinkles along edge of walks or drives without wetting them.

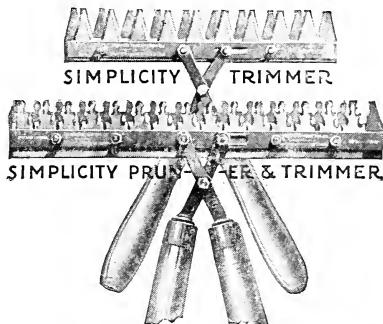
Ordinary water pressure from lawn hose turns the pipe line of nozzles as an axis, throwing the streams of water from one side over to the other with a constant steady swing.

Thousands in use on city lawns, large estates, golf courses, cemeteries, and parks.

MADE IN FOUR SIZES—WATERING FROM 1200 to 3000 SQUARE FEET AT A SETTING.

Write for prices and literature.

THE EASY WAY IS THE SIMPLICITY WAY



Cutting More Surface with More Cutting Surface

Actually doing more work with less work. Accomplishing in an hour what formerly took four hours with the old style shears.

SIMPLICITIES cut both in opening and closing. Think of it! What a time and energy saver this is.

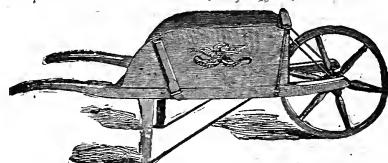
SIMPLICITIES seem to almost work automatically and you must actually try them to realize how easy they work.

SIMPLICITY TRIMMER for first year growth only, weighs but two pounds.

SIMPLICITY PRUNER AND TRIMMER for pruning back old growth of hedge and shrubbery and trimming new growth as well, weighs but three pounds.

SIMPLICITIES are made of the finest High Grade Carbon Steel and will give you long service and satisfaction. Trimmer \$4.00. Pruner and Trimmer \$6.00

WHEEL BARROWS

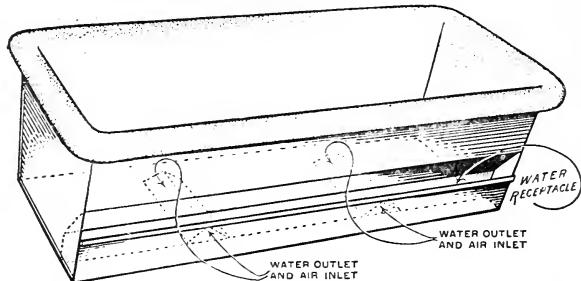


A. S. L. Garden. This Barrow is made from the best seasoned timber. The end of the bottom is cut into the back sill, thus preventing the splitting or breaking of the bottom boards. The wheel has a cast iron hub with white oak or ash spokes and rims. The axle is wrought iron, with turned arbors.

No. 4, price \$8.00. No. 5, price \$8.50.

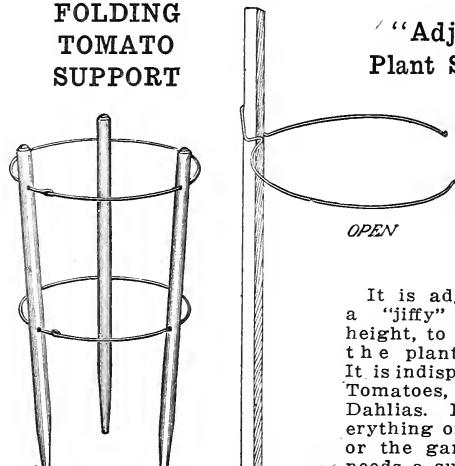
GALVANIZED STEEL PLANT BOX

This box has a patented bottom which gives the plants perfect drainage, and at the same time does not leak. The water receptacle runs full length of the box, and gives the roots a plentiful supply of clean water. It is made of strong, galvanized iron, neatly enameled in dark green. Convenient and practical for indoor or outdoor use. No staining of paint or disfiguring in any way.



Length	Width	Depth	Each
24 in.	8 1/2 in.	6 1/4 in.	\$1.30
30 "	8 1/2 "	6 1/4 "	1.70
36 "	8 1/2 "	6 1/4 "	2.50
48 "	8 1/2 "	6 1/4 "	3.50

FOLDING TOMATO SUPPORT



“Adjusto” Plant Support

It is adjustable in a “jiffy” to any height, to conform to the plant’s growth. It is indispensable for Tomatoes, Roses and Dahlias. In fact, everything on the lawn or in the garden that needs a support.

The stake is made of hard wood having a protecting coat of green paint.

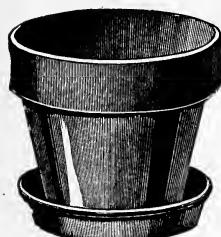
Price, 18c. each; \$1.75 per Doz.

34 inches high. 20 inches in diameter at the top.

Price—per dozen \$3.50

STANDARD FLOWER POTS

Earthenware



	Each	Doz.
2 inch	\$.02	\$.20
2½ "	.03	.25
3 "	.05	.40
3½ "	.06	.45
4 "	.07	.50
5 "	.09	.85
6 "	.12	1.20
7 "	.25	2.00
8 "	.30	2.75
9 "	.45	4.00
10 "	.60	5.40
11 "	.80	8.25
12 "	1.50	14.25
14 "	1.75	
16 "	4.00	
18 "	6.00	
20 "	7.50	

Inside measurement, width and depth equal.

FLOWER POT SAUCERS

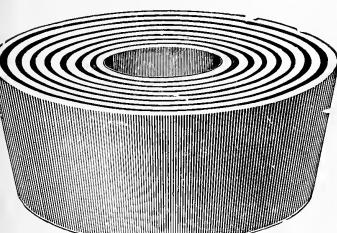
	Each	Doz.
3 inch	\$.03	ea. \$.30
3½ "	.04	.30 "
4 "	.04	.36 "
5 "	.05	.50 "
6 "	.07	.65 "
7 "	.09	.87 "
8 "	.12	1.20 "
9 "	.15	1.75 "
10 "	.30	2.00 "
11 "	.30	2.50 "
12 "	.35	3.00 "
14 "	.60	6.00 "

BULB PANS
Earthenware

	Each	Doz.
4 inch	\$.06	\$.50
5 "	.07	.75
6 "	.15	1.50
7 "	.25	2.00
8 "	.30	3.00
9 "	.45	4.50
10 "	.60	6.00
12 "	1.50	13.00

FERN PANS
Earthenware

Size	Each	Doz.
4 x 1½ inches	\$.08	\$.65
4½ x 2½ "	.10	.85
5½ x 2½ "	.12	1.10
6½ x 2½ "	.15	1.25
7 x 2½ "	.16	1.50
8 x 3½ "	.20	2.00



NEPONSET PAPER FLOWER POTS

The Neponset Paper Flower Pot is a waterproof paper pot made from a tough fibre paper, and is especially adapted to the florist, gardener and nursery trade.

Size	Doz.	100
2½ inch	\$.10	\$.50
2½ "	.12	.60
3 "	.15	.90
3½ "	.18	1.00
4 "	.25	1.25
5 "	.35	2.00
6 "	.40	2.75



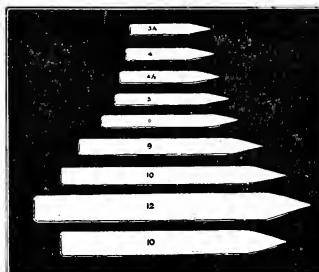
THE "HARRIS READY-TO-USE" LOCKED PLANT BAND



The principle evolved in the Plant Band is not a new one. The one feature which has prevented the general use of plant bands has been the time and labor required in making them up by hand. This disadvantage has been entirely eliminated by the bands which this Company offers to the trade, which are truly what the name implies "Ready-To-Use."

Size 2" x 2" x 2½".
Carton 250, \$1.00. Less than carton 1 cent each.

WOOD LABELS



	Plain		Painted
	100	1000	1000
4 inch. Pot labels	\$0.25	\$1.30	\$1.70
4½ "	.30	1.45	1.90
5 "	.35	1.60	
6 "	.40	2.00	2.50
10 "	.75	4.20	5.40
12 "	.95	5.20	6.60
8 " Garden labels	.80		6.50
10 "	1.00		8.00
12 "	1.35		11.00
3½ " Tree labels, copper wired	.40		2.30

PLANT STAKES

For Greenhouse or Garden use.

Square. Painted green

	Each	Doz.	100
1½ feet	\$0.03	\$0.30	\$ 2.00
2 "	.04	.45	3.50
2½ "	.06	.70	5.00
3 "	.08	.90	7.00
3½ "	.12	1.20	8.50
4 "	.15	1.50	11.00
5 "	.20	2.10	16.00
6 "	.25	2.50	18.00

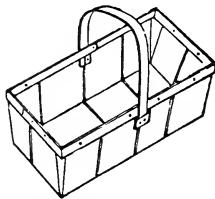


The Florist's Bull Dog Package Clip



Made of tempered steel, polished, unsurpassed for Florist's use, easily and quickly adjusted. Saves its cost in time and labor many times over. Packed in Boxes of 1,000—price, 75c. per thousand.

PANSY BASKETS



Size—12 inches long, 7 inches wide, 4 inches deep.

Adjustable wooden handles, with tin fastenings on the ends.

Per 100, \$4.00; per 1,000, \$35.00

Size—10 inches long, 5 inches wide, 3 inches deep.

Adjustable wooden handles, with tin fastenings on the ends.

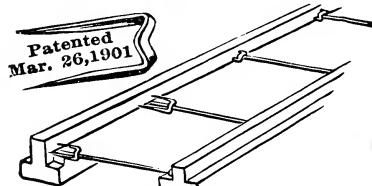
Per 100, \$3.00; per 1,000, \$27.00

Size—10 inches long, 5 inches wide, 3 inches deep
Wire handle attached.

Per 100, \$3.00; per 1,000, \$27.00

PEERLESS GLAZING POINT

(Improved Van Reyper.)



Made of steel wire and galvanized.

Price, box of 1,000, 75c.; by mail 85c.

HOTBED MATS



Made by hand of rye straw. Size 6 x 6 ft., each, \$3.50.

Larger quantities, write for prices.

GARDEN TROWELS



No. 809

No. 25 Eagle.....15c.

No. 809 Solid Steel.....25c.

No. 100 Socket Pattern.....40c.

Keystone 6 inch.....75c.



Steel Transplanting Fork.....45c.

Iron Transplanting Fork.....15c.



Excelsior Weeder.....20c.

NORCROSS CULTIVATOR HOES



MIDGET NORCROSS. Short handle for hand work.

Price, 40c.

3-PRONG NORCROSS. Light and can be used by women and children.

Price, 85c.

5-PRONG NORCROSS. The standard size. A wonderfully useful tool. Every man with a garden should have one.

Price, \$1.25

ASPARAGUS KNIFE



Made of Solid Steel

Goodell Double Point, P. P. Weight 1 lb. Each 40c.



Haseltine Weeder 25c. By Mail 30c.



THE TIME-SAVER BERRY BOX HOLDER

Use both hands picking berries. Saves time enough to pay for itself in a few hours.

Pint size weighs 2½ oz. Price each \$0.40

Quart size weighs 3 oz. Price each .45

RAFFIA



For tying plants. Superior to twine for bunching asparagus, celery, etc.

Price per lb., 25c.

ASBESTOS TORCH

It will be found exceedingly effective in destroying nests of caterpillars, so destructive to fruit and shade trees. Attach the torch to the end of a pole of suitable length; saturate with kerosene oil, light, and hold under the nests.

Price 40c

BARRIE'S SOAP SPRAYER

Made of brass and nickel plated. Soap is placed in the bowl, the sprayer attached to the faucet and the hose to the sprayer. Water entering the bowl agitates the soap, giving a mild insecticide through the hose, while spraying, never injures the plants and is excellent for destroying green fly, etc., in greenhouse and garden. Mailing weight 2 pounds.

\$6.00 Each.

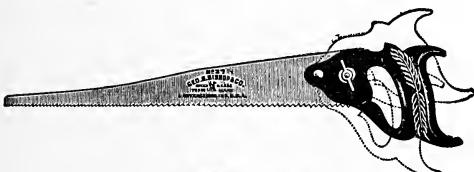
TROWBRIDGE GRAFTING WAX

The best on the market.
 $\frac{1}{4}$ lb. pkg. 15c.; $\frac{1}{2}$ lb. pkg. 25c.; 1 lb. pkg. 40c.

PRUNING SHEARS

Taylor Pattern, with coil spring, 9 inches	Each \$0.60
California Pattern, with volute spring 9 inches,	" .85
Swiss Pattern, polish, 9 inches	" 1.75
Levin Pattern, 7 inches,	" .50

Sent by parcel post, prepaid.

UNIVERSAL PRUNING SAW

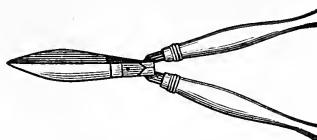
18 inch, \$1.75 postpaid

TELEGRAPH PRUNERS

With Socket for Handle, \$1.00 each

WIRE FRUIT PICKER

Each 60c.

HEDGE SHEARS

Price

9 inch notched	\$2.75
6 inch ladies'	2.00

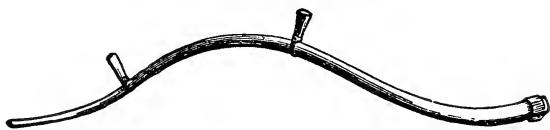
GRAFTING CHISEL

Made from the finest cast steel.
 Price, each, 75c.

GARDEN LINE REEL**GARDEN LINES**

Italian Hemp, 100 feet \$1.25

Price, \$1.75

SCYTHE SNATHS

No. 50 Regular Scythe,	\$1.50
No. 100 Bush	1.75

SCYTHES

Little Giant, Solid Steel	\$1.75
Conquerer	1.75
Heavy Bush, Bramble, or Light Bush	\$1.75

SCYTHE RIFLES

Meadow King, 15c. Farmers' Friend, 15c.

SCYTHE STONES

Crescent, .....	.15
Black Diamond, fine, .....	.20
Carborundum, .....	.30

GARDEN HOES



Socket, each,	\$1.10
Shank, "	1.00
8" Meadow, "	1.20
9" " "	1.25
Warren, "	1.25
Onion, "	1.20
Boys', "	.85
Ladies', "	.75

Scuffle Hoe



8 in., \$1.25

Arlington Scuffle Hoe

8 in. and 9 in. blades.
Each, \$3.50

Potato Hooks

5 Tine. Each, \$1.40
6 Tine. Each, 1.50IRON AND STEEL
GARDEN RAKES

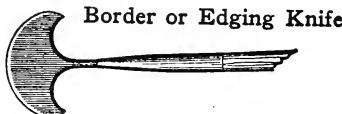
14 tooth, Malleable Iron,	\$.60
12 " Steel	1.00
14 " "	1.20
16 " "	1.40
14 " Bowed Steel	1.30
16 " " "	1.50
16 " " Gravel	1.25
18 " " "	1.50

Wood Lawn
Rakes28 teeth.
Each, \$1.10

Wood Hay Rakes

No. 1—2 Bow 85c.

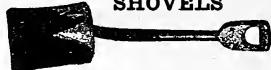
GRASS HOOKS

Meadow King, each, 35c.
Nolan, each, 85c.

Border or Edging Knife

Long handle. Each, \$1.15
D handle. Each, 1.35

SHOVELS

D Handle, Square or Round Point. Long Handle, Square or Round Point.
Each, \$1.25, \$1.50 and \$1.75

SPADES

D Handle. Each, \$1.50
Long " 1.35
Ames' Best " 2.00

Wire Vegetable Scoop Price 75c.

MANURE FORKS

With strap Ferules.

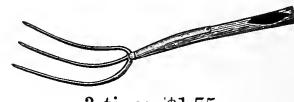
4 Tine D handles, \$1.75
5 Tine D handles, 2.00
6 Tine D handles, 2.25

SPADING FORKS

With strap Ferules.

4 Tine D handles, \$2.00
4 Tine long handles, 1.60

HAY FORKS



3 tines, \$1.75

LIGHTNING SNOW
PUSHER

Three times quicker than a shovel.

See how the curved blade turns the snow, just like a plow—plow and push the snow—don't shovel. The pusher cuts its way through the snow like a knife, cleaning a wide path each time.

Snow will not stick to blade, as it is always turning over.

Try it on hard tramped on snow—lifts it off easily. You get more force with less effort than with a shovel.

Price
20 inch \$1.60
24 inch \$2.00

SNOW SHOVELS

Crescent—Wood—Malleable Iron Tip

Blades of one piece basswood, bent, varnished and attached to handles by rivet and wire loop clasp with steel back plate. Especially good hanging shovel. Price, \$1.00.

The Trojan—Spring Steel Blade

Blades of high carbon spring steel securely attached by rivets and wire loop clasp to oval handles so shaped at lower end as to give proper curve to blade. The whole shovel finished in varnish.

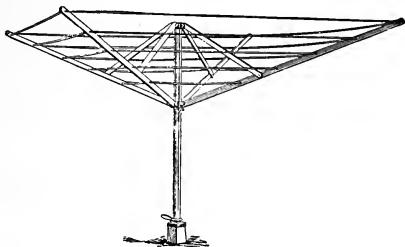
A durable shovel with sharp cutting edge which can be worn back several inches without spoiling the shovel. Price, \$1.00.

The Keystone—Steel

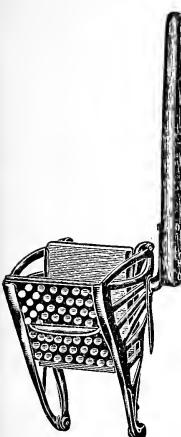
Blades of high grade No. 17 gauge steel with hollow back socket to receive the handle to which it is securely attached by two rivets.

Price—Long handle 60c., D handle 75c.

MAINE OUTDOOR CLOTHES DRYER



No. 20 120 ft. line, Each \$7.00
 No. 25 160 ft. line, Each 7.50



WHITE'S MOP WRINGERS

They wring with perfect ease.
 Wring quickly; fit any kind
 and size of pail; require no fas-
 tening.

Family size, Each, \$2.25.
 Hotel size, Each, 3.75.

Handy 2-in-1
Ladder

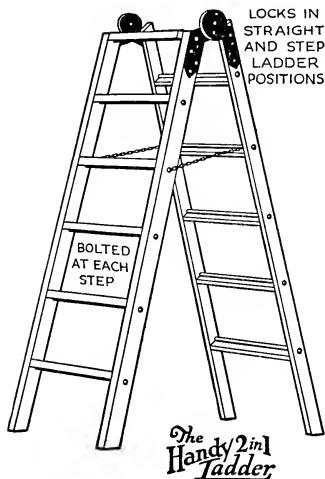
Made in following
sizes

4 foot step ladder
or 8 foot straight,
\$2.60 each.

5 foot step ladder
or 10 foot straight,
\$3.25 each.

6 foot step ladder
or 12 foot straight,
\$3.90 each.

8 foot step ladder
or 16 foot straight,
\$5.20 each.



STEP LADDERS

Hub, per foot.	75c.
Challenge, " "	80c.
Imperial, " "	75c.

EVERCOLD REFRIGERATORS

MADE IN MAINE



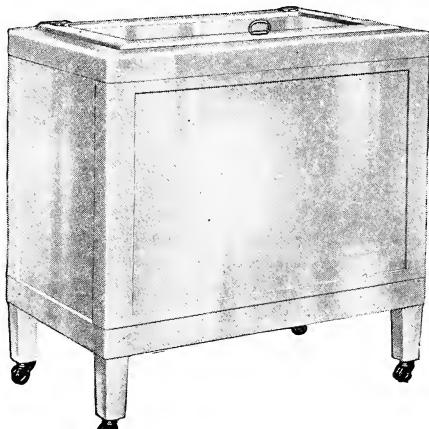
Through the air-tight Frame Construction,
 Celotex Insulation and scientifically construc-
 ted Air Spaces, the EVERCOLD will pay for
 itself in saving of ice alone.

Through the kinds and amounts of materi-
 als, and careful workmanship, the EVERCOLD
 will last a life-time.

Through constant circulation of Cold, Dry
 Air, the EVERCOLD always will keep foods
 Pure and Fresh.

The EVERCOLD is a "Sterling Quality"
 product and bears our guarantee in addition
 to that of the manufacturer.

EVERCOLD DAIRY ICE CHESTS



MADE IN ALL SIZES AND STYLES

WRITE FOR COMPLETE CATALOG AND PRICES

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SPECIAL

Ideal Power Lawn
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Post Office Department

No. _____

THIRD ASSISTANT POSTMASTER GENERAL

Stamp of Issuing Office

DIVISION OF MONEY ORDERS

The Postmaster
will inserthere _____
the office drawn on, when the office named by the
remitter in the body of this application is not a Money Order Office.

Spaces above this line are for the Postmaster's record, to be filled in by him

Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary,
by another person for him

Amount

----- Dollars ----- Cents

Pay to
Order of } ALLEN, STERLING & LOTHROP

(Name of person or firm for whom order is intended)

Whose
Address }
is No. ----- 49 Exchange ----- StreetPost
Office } ----- Portland,
State ----- MaineSent by -----
(Name of Sender)Address
of
sender } No. ----- Street

PURCHASER MUST SEND ORDER AND COUPON TO PAYEE

Fees for Money Orders Drawn on Domestic Form

Payable in the United States, including Hawaii, Porto Rico, and the United States Virgin Islands, or in Guam and Tutuila (Samoa); also for orders payable in Antigua, Bahamas, Barbados, Bermuda, British Guiana, British Honduras, British Virgin Islands, Canada, Canal Zone, Cuba, Dominica, Grenada, Jamaica, Martinique, Montserrat, Nevis, Newfoundland, Philippine Islands, St. Kitts, St. Lucia, St. Vincent, and Trinidad and Tobago.

For Orders From	\$0.01 to	\$2.50	.....	3 cents.	
	From	\$2.51 to	\$5.00	.....	5 cents.
	From	\$5.01 to	\$10.00	.....	8 cents.
	From	\$10.01 to	\$20.00	.....	10 cents.
	From	\$20.01 to	\$30.00	.....	12 cents.
	From	\$30.01 to	\$40.00	.....	15 cents.
	From	\$40.01 to	\$50.00	.....	18 cents.
	From	\$50.01 to	\$60.00	.....	20 cents.
	From	\$60.01 to	\$75.00	.....	25 cents.
	From	\$75.01 to	\$100.00	.....	30 cents.

Memoranda of Issuing Postmaster:

If order is purchased through Rural Carrier, he will fill spaces below:

Carrier's receipt No. _____

Carrier.

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.



Allen, Sterling & Lothrop

49 EXCHANGE STREET

64 MARKET STREET

PORTRLAND, MAINE

ORDER SHEET

“Sterling Quality” Seeds

**PLEASE DO NOT WRITE
IN THIS SPACE**

Date

Gentlemen:—I am enclosing _____ for the following seeds to be sent by _____

(State here if wanted by Mail, Express or Freight)

Name _____

P. O. Address

St. or R.F.D. _____ *State* _____

Express or Freight Station
[If different from P.O.]

We give no warranty, express or implied, as to quality, description, productiveness, or any other matter of any seeds, bulbs or plants we send out and will not be in any way responsible for the crop.

Remember—No order too large or too small to send to us!

Help Us Perfect Our Mailing List

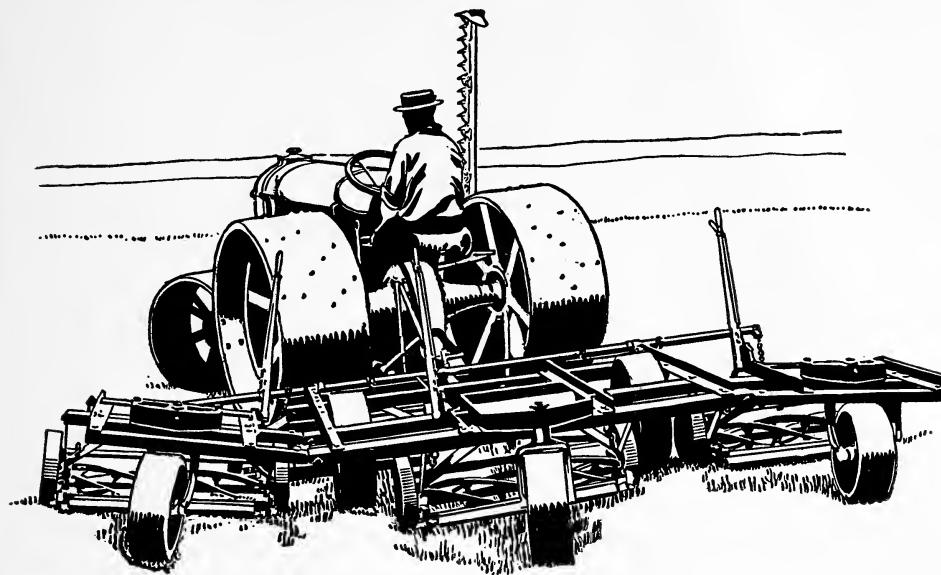
Name and Address of someone we should have on our list.

Is the Address on the envelope inclosing this Catalog correct?

If Duplicate Copies of our Catalog come to your home
what name should be stricken from our list?



SERVICE TO GOLF CLUBS



State Agents for Ideal Power Lawn Mowers

Write for Ideal Catalogue showing complete line of models

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It has been our privilege to furnish many golf clubs with their special requirements of seed for putting greens and fairways.

We are prepared to quote on special formulas as designated or on the following varieties which are used extensively in the best mixtures.

RED TOP, SUPERFINE RECLEANED.

BLUE GRASS, KENTUCKY.

BENT, GERMAN IMPORTED AND COLONIAL.

FESCUE, CHEWINGS NEW ZEALAND.

We invite correspondence from golf clubs or estates interested in these special varieties.

"Sterling Quality" Putting Green Mixture

Mixed according to the formula of the greatest authority on putting green mixtures in this country; particularly adapted to Northern climates. Impossible to buy better seed. We buy the individual grasses and mix them ourselves. Our price 75c. per lb.; by mail add postage; 50 lbs. \$35.00 f. o. b. Portland.

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Sulphate of Ammonia, Ground Bone and Sheep Manure**

